

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040969.D
 Acq On : 31 May 2019 3:09
 Operator : HP/JU
 Sample : K3041-08MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 31 04:05:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	63651	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	247441	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	180083	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	469046	20.00	ng	0.00
76) Chrysene-d12	21.78	240	465680	20.00	ng	0.00
87) Perylene-d12	25.12	264	496868	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	456254	129.26	ng	0.00
7) Phenol-d6	7.27	99	603407	110.69	ng	0.00
23) Nitrobenzene-d5	9.30	82	491282	88.14	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	379346	141.89	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1047826	83.79	ng	0.00
79) Terphenyl-d14	20.09	244	1950852	88.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	55132	34.419	ng	# 40
3) Pyridine	3.95	79	133330	28.131	ng	99
4) n-Nitrosodimethylamine	3.86	42	95236	43.295	ng	89
6) Aniline	7.45	93	146136	20.083	ng	97
8) 2-Chlorophenol	7.68	128	178877	42.506	ng	97
9) Benzaldehyde	7.26	77	91324	28.082	ng	89
10) Phenol	7.30	94	211605	36.202	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	170083	40.111	ng	97
12) 1,3-Dichlorobenzene	8.01	146	185248	36.857	ng	96
13) 1,4-Dichlorobenzene	8.16	146	191214	37.584	ng	94
14) 1,2-Dichlorobenzene	8.48	146	182967	37.039	ng	96
15) Benzyl Alcohol	8.36	79	210788	41.799	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	277258	40.014	ng	96
17) 2-Methylphenol	8.56	107	169905	40.146	ng	99
18) Hexachloroethane	9.21	117	74460	37.973	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	170846	40.724	ng	97
20) 3+4-Methylphenols	8.89	107	226436	38.626	ng	99
22) Acetophenone	8.96	105	311958	44.943	ng	# 95
24) Nitrobenzene	9.35	77	256658	45.185	ng	97
25) Isophorone	9.86	82	481504	45.393	ng	99
26) 2-Nitrophenol	10.06	139	109560	46.787	ng	93
27) 2,4-Dimethylphenol	10.10	122	188338	48.699	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	252124	44.039	ng	98
29) 2,4-Dichlorophenol	10.59	162	217181	44.222	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	232297	41.579	ng	94
31) Naphthalene	11.00	128	570652	42.953	ng	99
32) Benzoic acid	10.22	122	85327	31.699	ng	94
33) 4-Chloroaniline	11.11	127	63436	10.291	ng	94
34) Hexachlorobutadiene	11.26	225	172968	40.462	ng	100
35) Caprolactam	11.90	113	27613	17.026	ng	91
36) 4-Chloro-3-methylphenol	12.21	107	240984	42.965	ng	96
37) 2-Methylnaphthalene	12.59	142	435181	42.531	ng	98
38) 1-Methylnaphthalene	12.81	142	413832	42.919	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	317015	43.676	ng	# 98

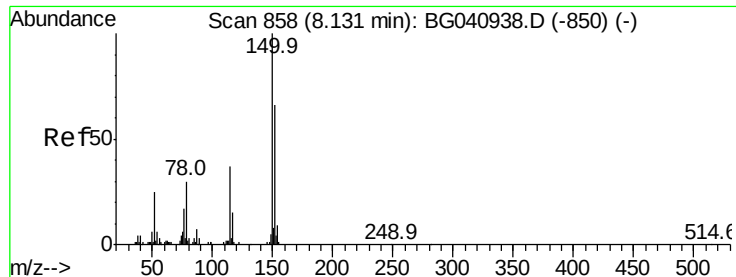
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040969.D
 Acq On : 31 May 2019 3:09
 Operator : HP/JU
 Sample : K3041-08MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 31 04:05:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	369103	93.098	ng	96
43) 2,4,6-Trichlorophenol	13.19	196	208614	44.429	ng	94
44) 2,4,5-Trichlorophenol	13.26	196	219849	44.396	ng	98
46) 1,1'-Biphenyl	13.59	154	598429	44.893	ng	99
47) 2-Chloronaphthalene	13.64	162	488042	42.647	ng	97
48) 2-Nitroaniline	13.85	65	182875	44.545	ng	98
49) Acenaphthylene	14.48	152	766668	44.513	ng	99
50) Dimethylphthalate	14.20	163	667832	43.809	ng	99
51) 2,6-Dinitrotoluene	14.33	165	150885	45.907	ng	97
52) Acenaphthene	14.82	154	451040	43.229	ng	95
53) 3-Nitroaniline	14.66	138	94865	28.864	ng	97
54) 2,4-Dinitrophenol	14.87	184	169983	92.824	ng	97
55) Dibenzofuran	15.15	168	784253	44.670	ng	98
56) 4-Nitrophenol	14.96	139	210295	93.284	ng	91
57) 2,4-Dinitrotoluene	15.12	165	214336	46.165	ng	# 96
58) Fluorene	15.80	166	622012	44.487	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	230227	47.308	ng	99
60) Diethylphthalate	15.56	149	689132	44.297	ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	398612	43.862	ng	96
62) 4-Nitroaniline	15.83	138	144038	41.396	ng	98
63) Azobenzene	16.08	77	636613	45.023	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	120973	48.107	ng	96
66) n-Nitrosodiphenylamine	16.00	169	576083	43.691	ng	98
67) 4-Bromophenyl-phenylether	16.68	248	262856	41.526	ng	98
68) Hexachlorobenzene	16.79	284	272271	40.394	ng	97
69) Atrazine	16.94	200	255973	50.312	ng	98
70) Pentachlorophenol	17.14	266	330700	90.969	ng	95
71) Phenanthrene	17.54	178	1079323	44.177	ng	97
72) Anthracene	17.63	178	1096552	45.507	ng	98
73) Carbazole	17.91	167	966994	46.770	ng	99
74) Di-n-butylphthalate	18.44	149	1153429	44.885	ng	98
75) Fluoranthene	19.55	202	1388275	46.004	ng	98
77) Benzidine	19.72	184	36924	3.324	ng	# 94
78) Pyrene	19.90	202	1393984	46.048	ng	98
80) Butylbenzylphthalate	20.77	149	532268	45.181	ng	99
81) Benzo(a)anthracene	21.76	228	1339378	43.208	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	336914	30.901	ng	99
83) Chrysene	21.83	228	1313001	44.262	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	725898	43.771	ng	100
85) Di-n-octyl phthalate	22.88	149	1216692	44.052	ng	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1615907	44.469	ng	# 99
88) Benzo(b)fluoranthene	24.05	252	1390766	46.148	ng	99
89) Benzo(k)fluoranthene	24.12	252	1316075	44.130	ng	98
90) Benzo(a)pyrene	24.96	252	1326036	46.119	ng	96
91) Dibenzo(a,h)anthracene	29.03	278	1328533	46.242	ng	99
92) Benzo(g,h,i)perylene	30.17	276	1340118	48.012	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

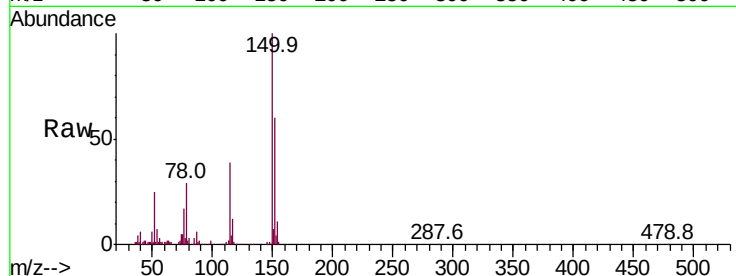
Tot Ion:152 Resp: 63651

Ion Ratio Lower Upper

152 100

150 166.4 120.6 180.8

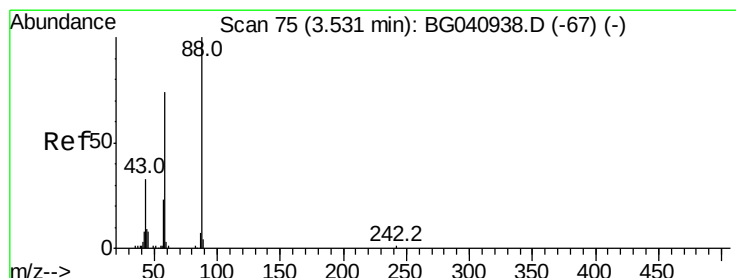
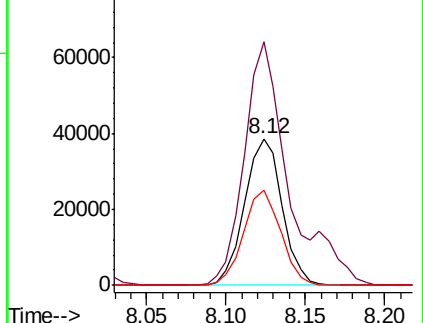
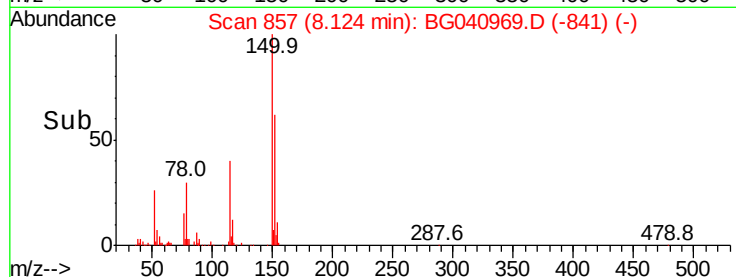
115 64.9 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.419 ng

RT: 3.53 min Scan# 76

Delta R.T. 0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

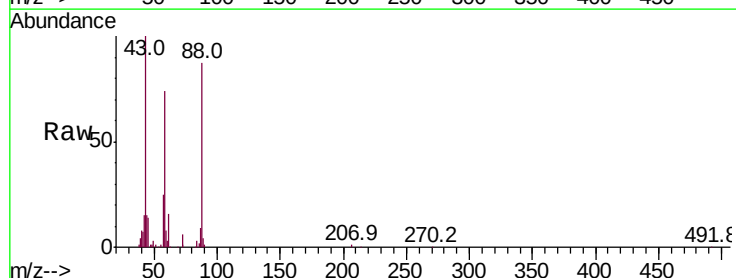
Tgt Ion: 88 Resp: 55132

Ion Ratio Lower Upper

88 100

58 78.8 59.0 88.6

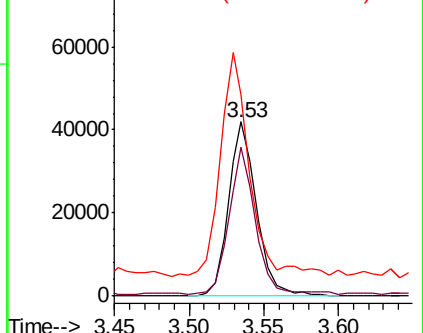
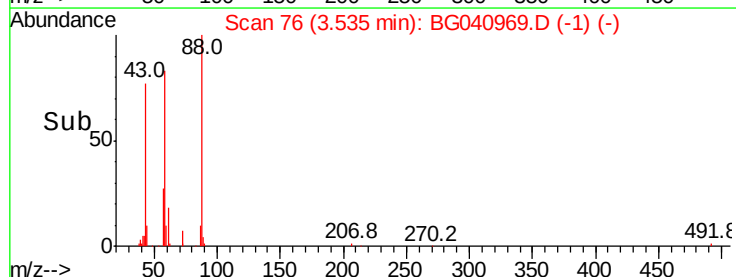
43 136.4 27.2 40.8#

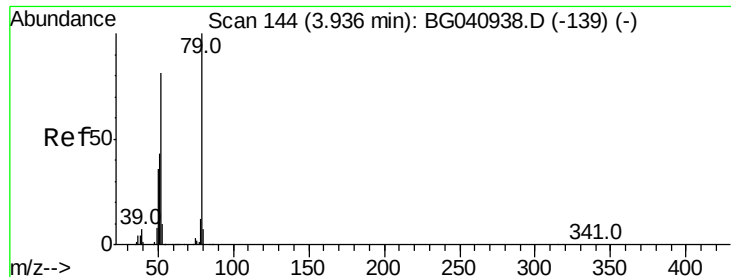


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.131 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

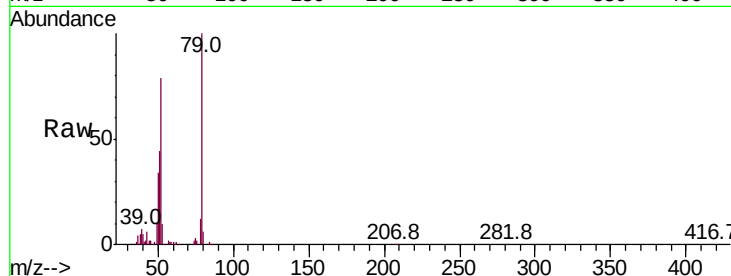
Tot Ion: 79 Resp: 133330

Ion Ratio Lower Upper

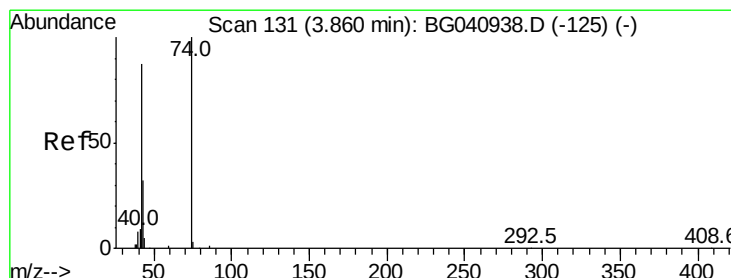
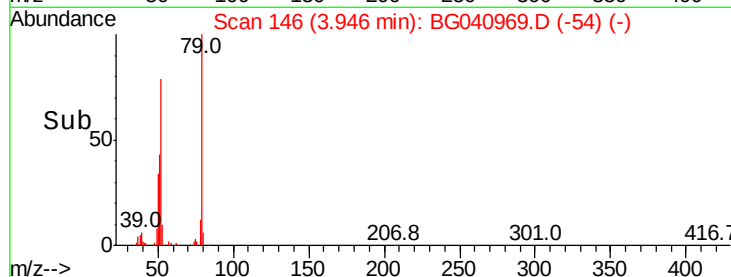
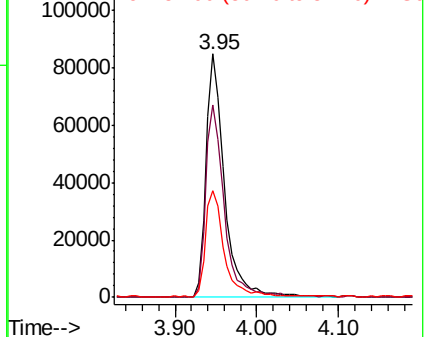
79 100

52 79.3 64.8 97.2

51 43.8 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.295 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

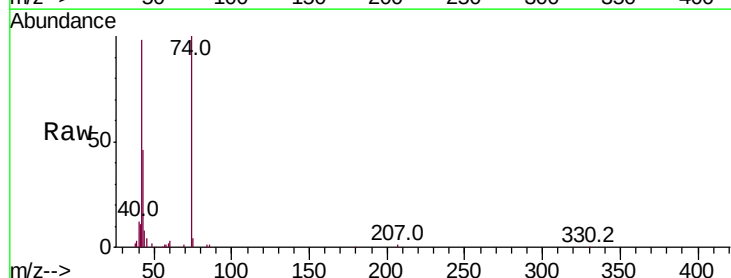
Tgt Ion: 42 Resp: 95236

Ion Ratio Lower Upper

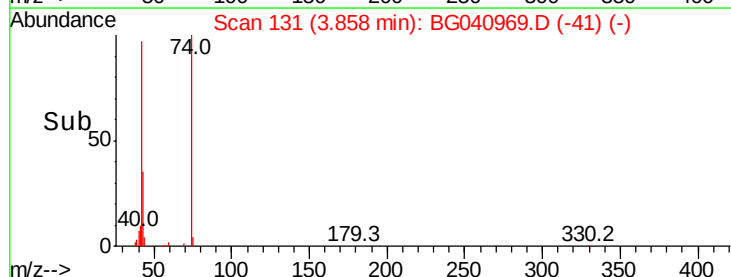
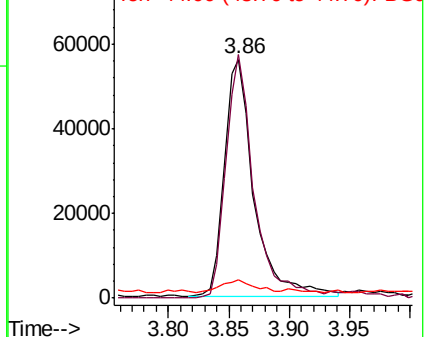
42 100

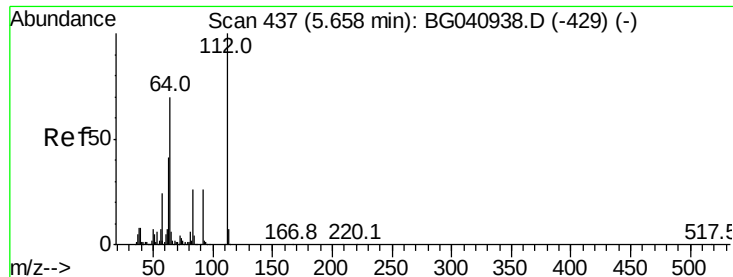
74 101.9 91.8 137.6

44 7.9 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.255 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

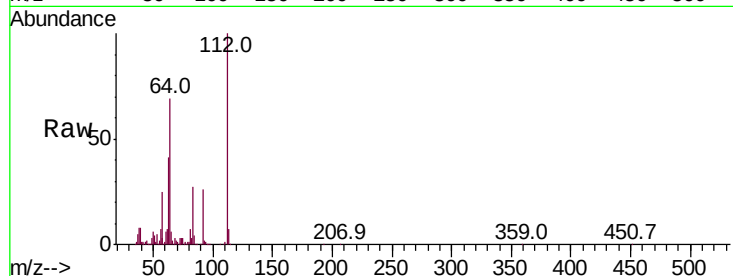
Tot Ion:112 Resp: 456254

Ion Ratio Lower Upper

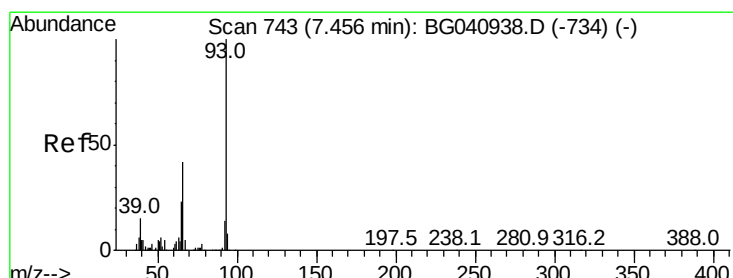
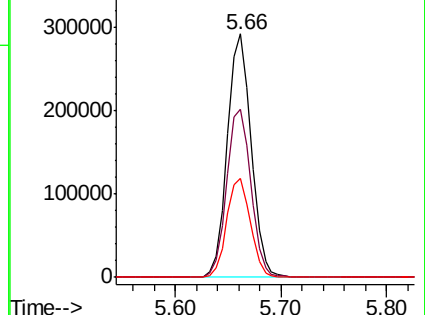
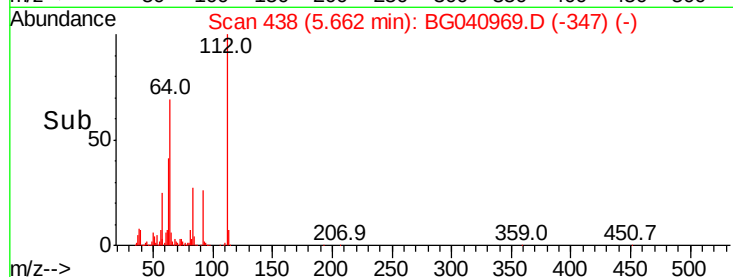
112 100

64 69.2 56.2 84.2

63 40.5 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.083 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

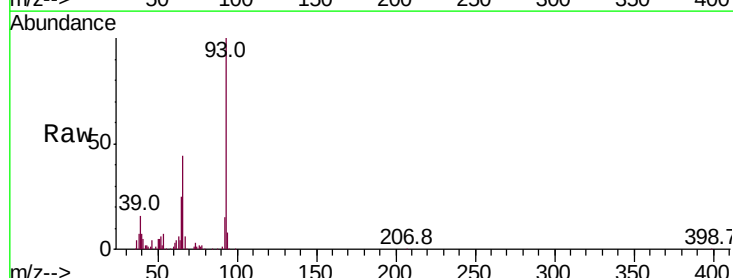
Tgt Ion: 93 Resp: 146136

Ion Ratio Lower Upper

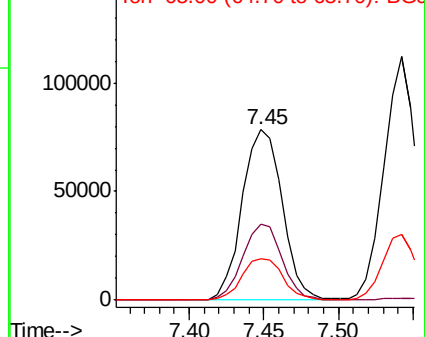
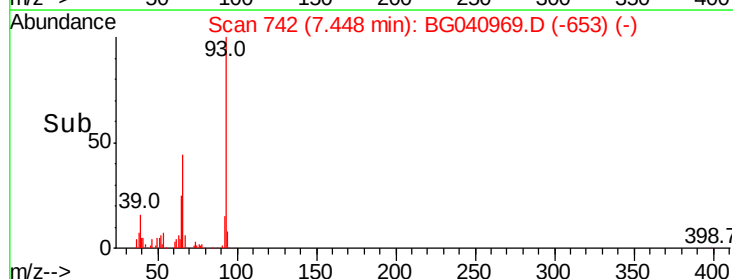
93 100

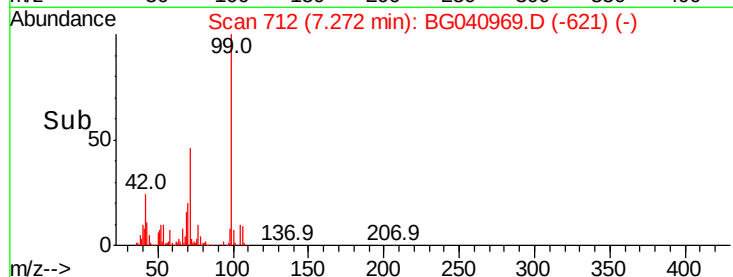
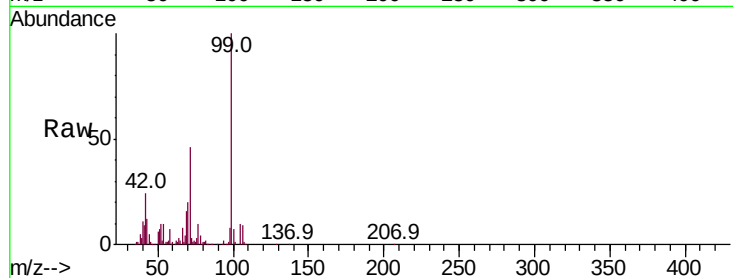
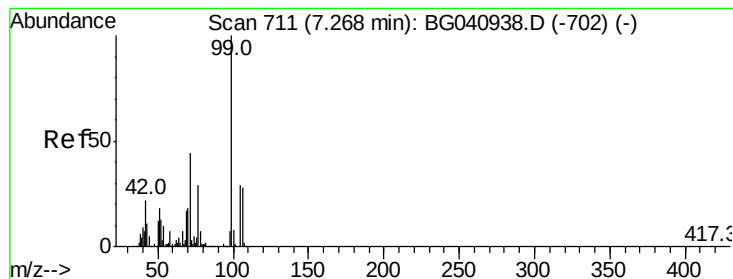
66 44.2 33.8 50.8

65 24.5 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.686 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

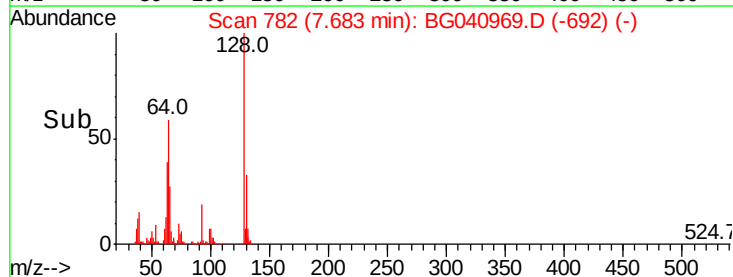
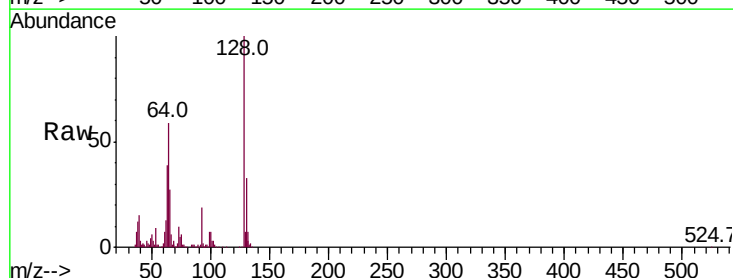
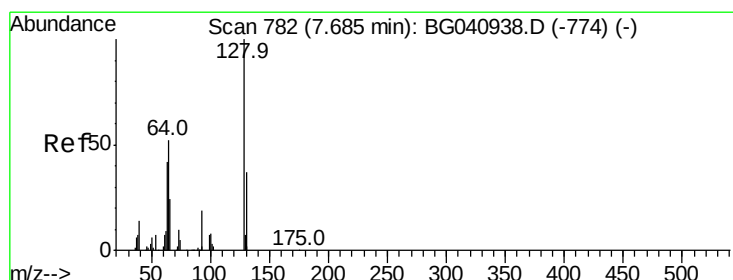
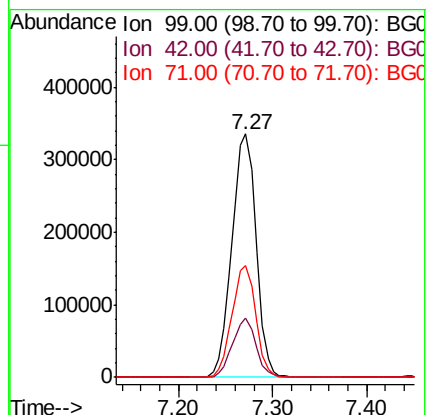
Tot Ion: 99 Resp: 603407

Ion Ratio Lower Upper

99 100

42 24.3 17.9 26.9

71 46.2 35.4 53.0



#8

2-Chlorophenol

Concen: 42.506 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

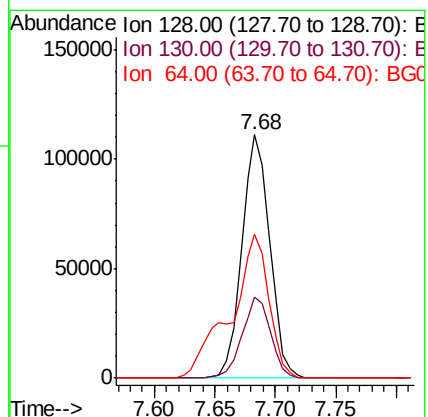
Tgt Ion: 128 Resp: 178877

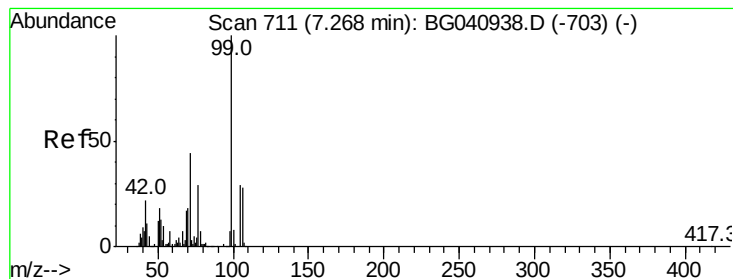
Ion Ratio Lower Upper

128 100

130 33.3 16.6 56.6

64 59.0 37.8 77.8





#9

Benzaldehyde

Concen: 28.082 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampled :

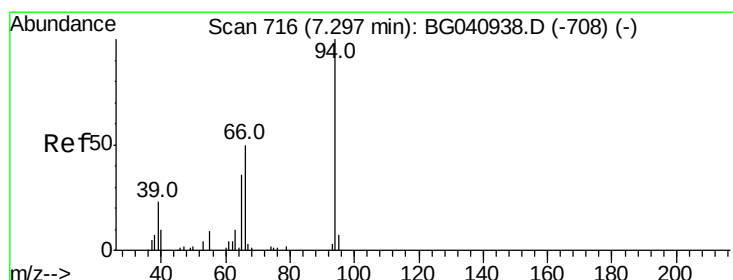
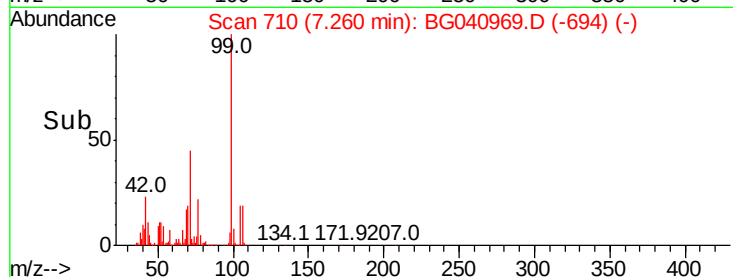
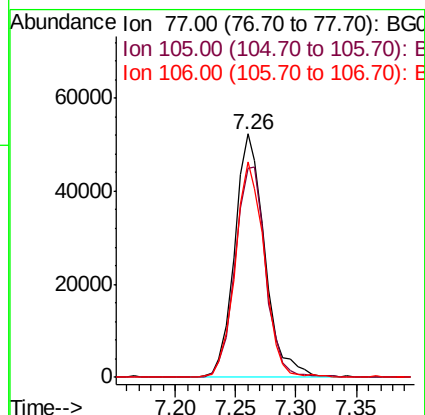
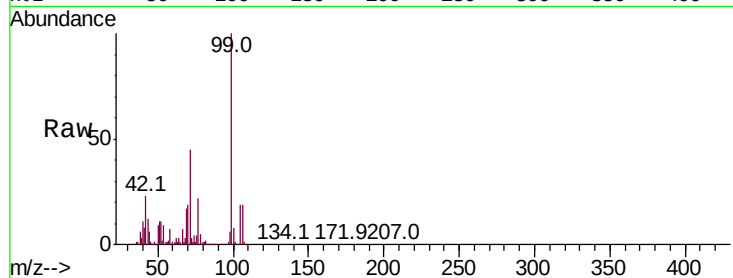
Tot Ion: 77 Resp: 91324

Ion Ratio Lower Upper

77 100

105 85.7 78.9 118.9

106 88.6 76.7 116.7



#10

Phenol

Concen: 36.202 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

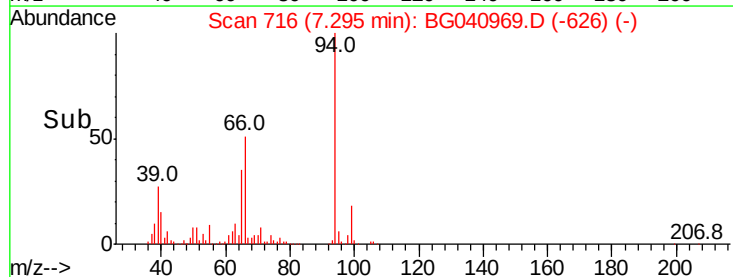
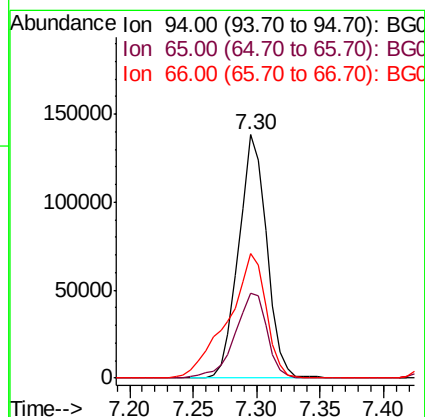
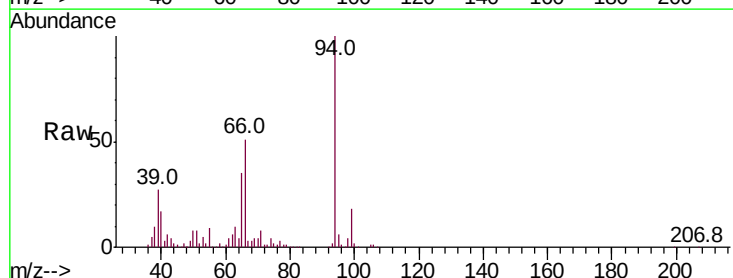
Tgt Ion: 94 Resp: 211605

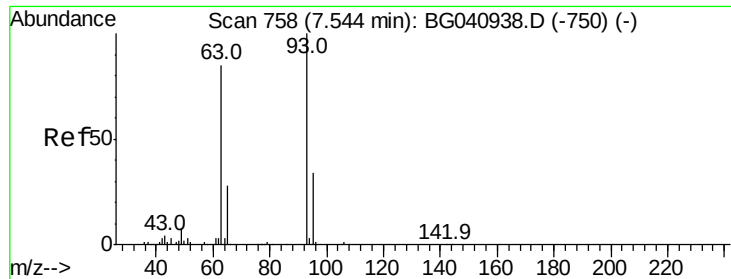
Ion Ratio Lower Upper

94 100

65 35.1 17.0 57.0

66 51.4 32.4 72.4





#11

bis(2-Chloroethyl)ether

Concen: 40.111 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

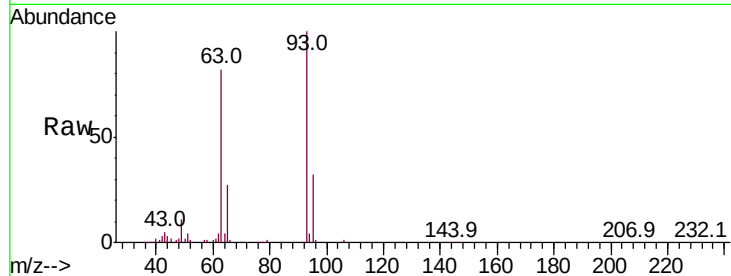
Tot Ion: 93 Resp: 170083

Ion Ratio Lower Upper

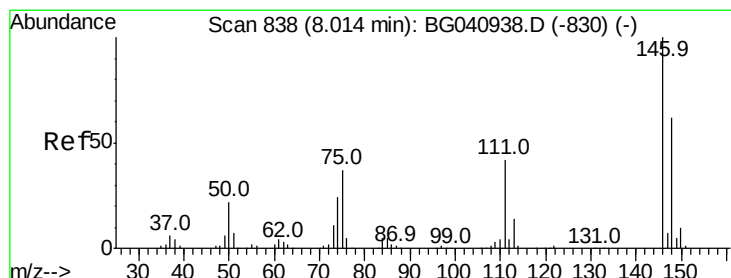
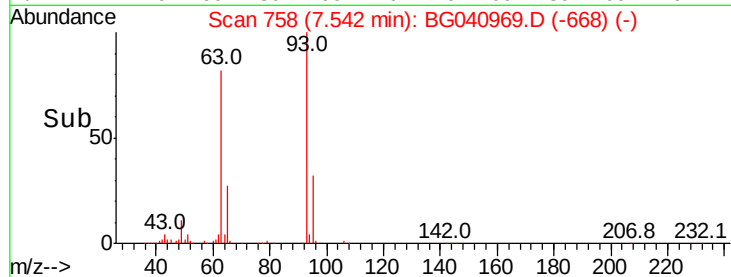
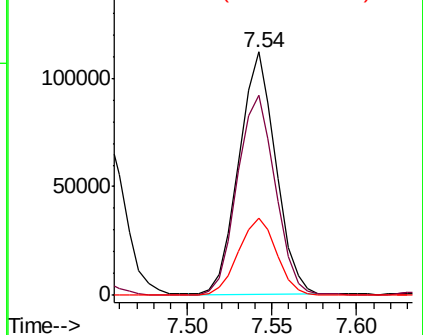
93 100

63 82.2 64.5 104.5

95 31.8 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 36.857 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

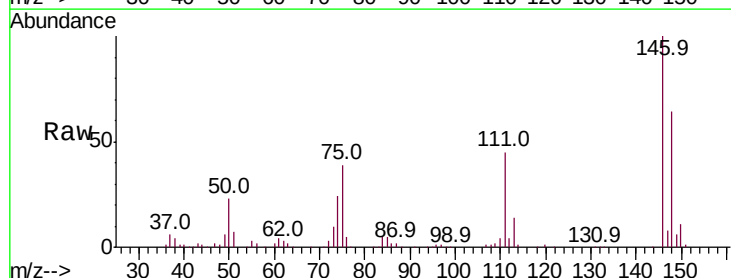
Tgt Ion: 146 Resp: 185248

Ion Ratio Lower Upper

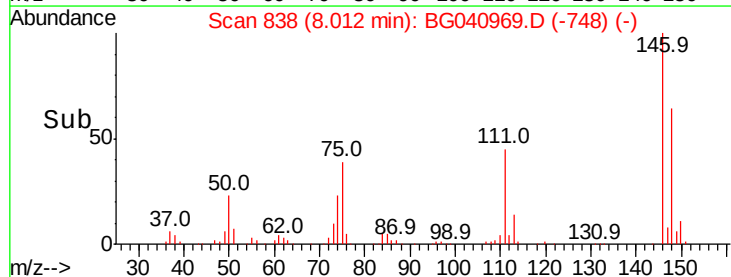
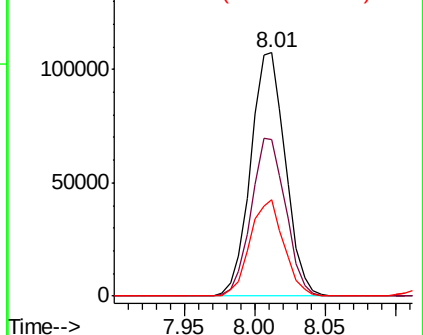
146 100

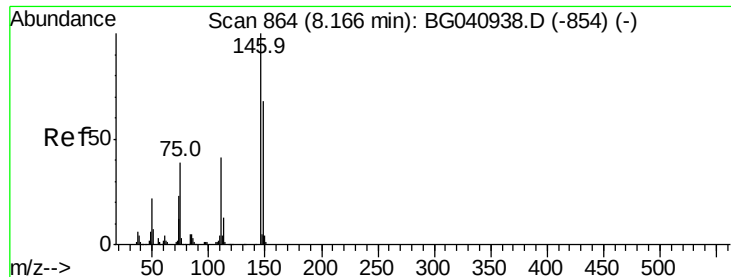
148 64.1 49.2 73.8

75 39.4 29.4 44.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

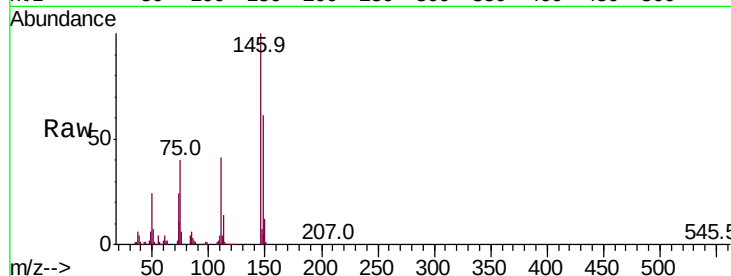




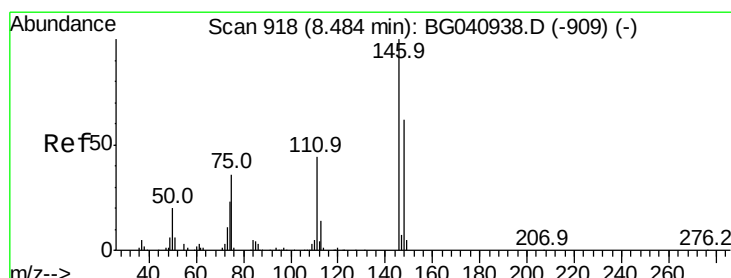
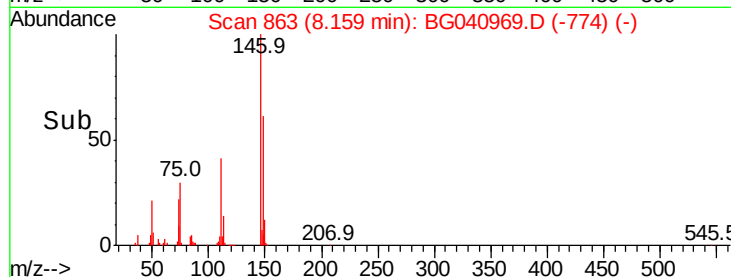
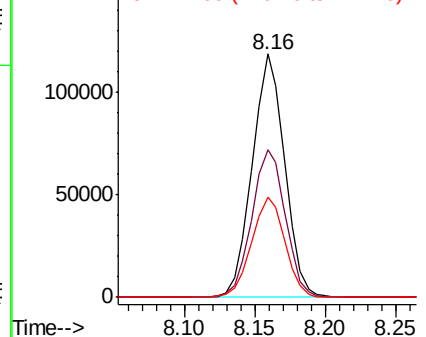
#13
1,4-Dichlorobenzene
Concen: 37.584 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 191214
Ion Ratio Lower Upper
146 100
148 60.6 54.2 81.4
111 41.3 32.9 49.3

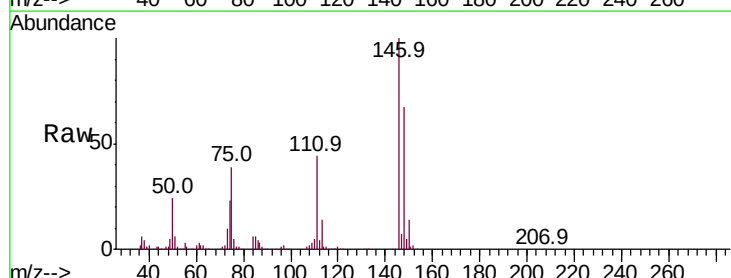


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

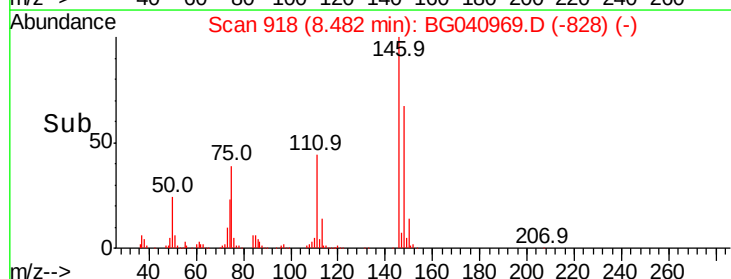
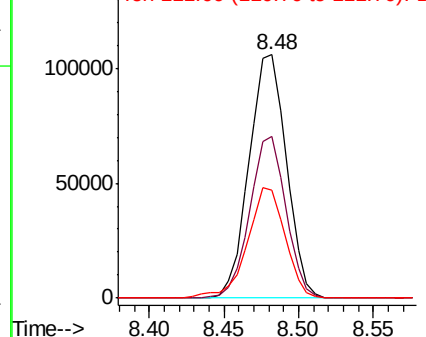


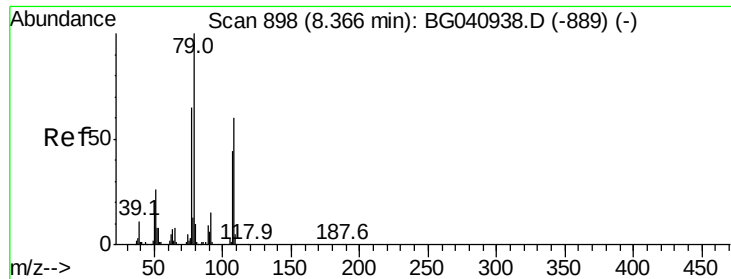
#14
1,2-Dichlorobenzene
Concen: 37.039 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:146 Resp: 182967
Ion Ratio Lower Upper
146 100
148 66.6 49.8 74.6
111 44.2 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.799 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

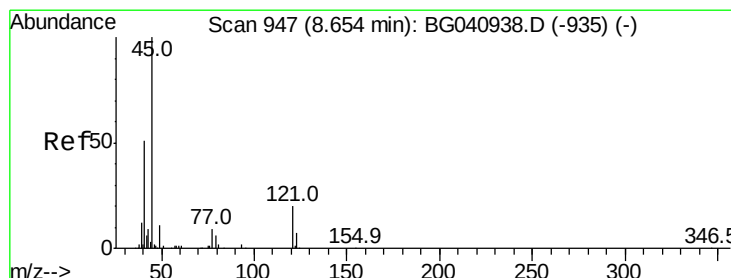
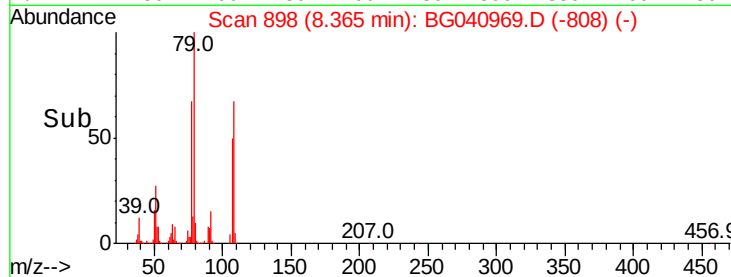
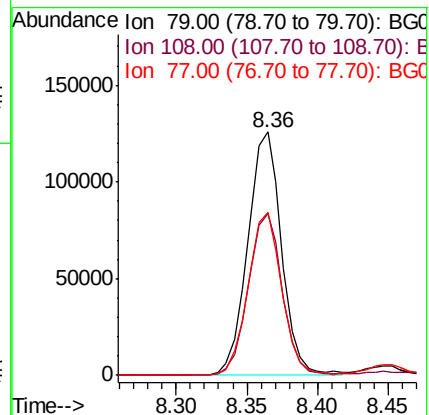
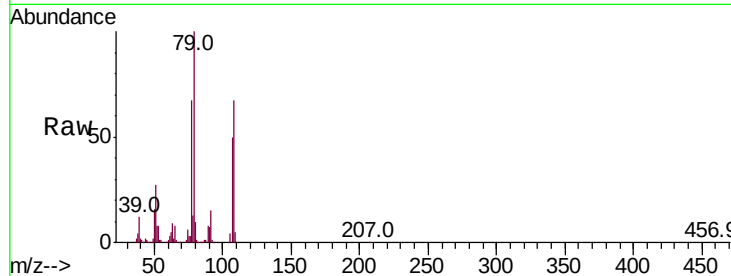
Tot Ion: 79 Resp: 210788

Ion Ratio Lower Upper

79 100

108 66.6 48.3 72.5

77 66.9 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.014 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

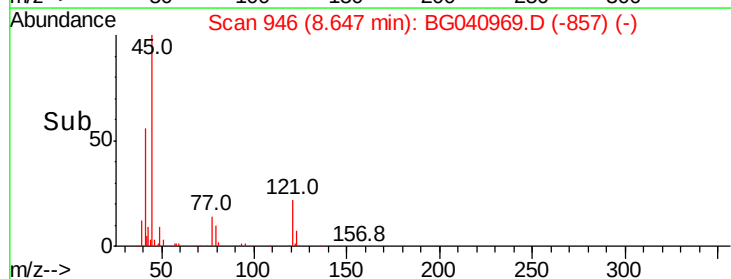
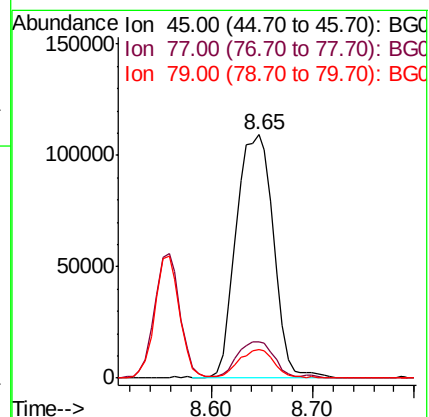
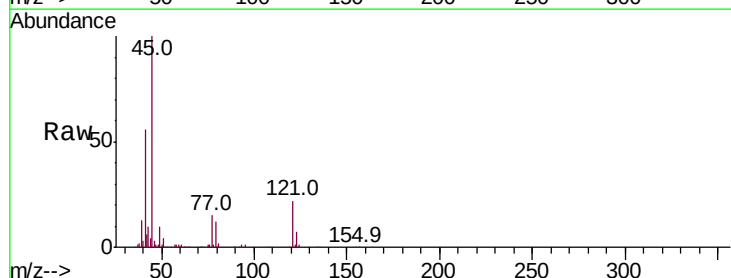
Tgt Ion: 45 Resp: 277258

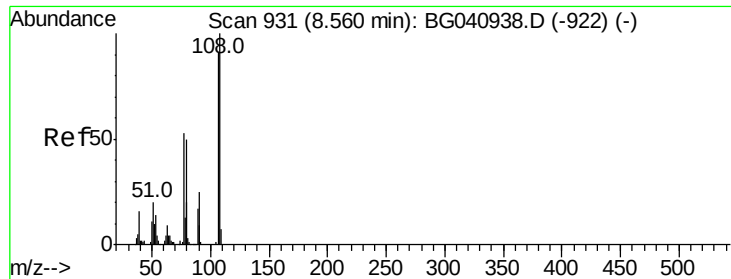
Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.7

79 11.6 0.0 30.2





#17

2-Methylphenol

Concen: 40.146 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 169905

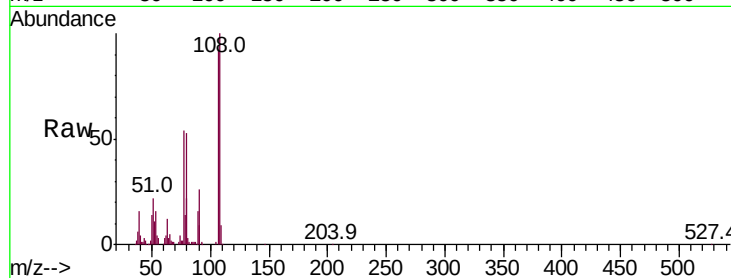
Ion Ratio Lower Upper

107 100

108 108.7 87.7 131.5

77 58.5 46.6 70.0

79 57.1 44.6 66.8

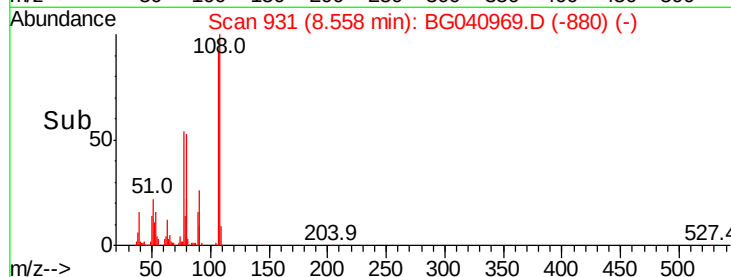


Abundance Ion 107.00 (106.70 to 107.70): E

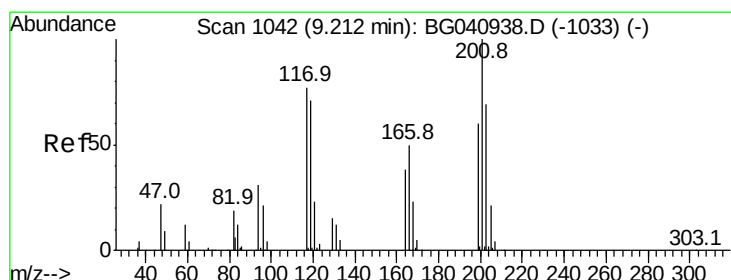
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 37.973 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

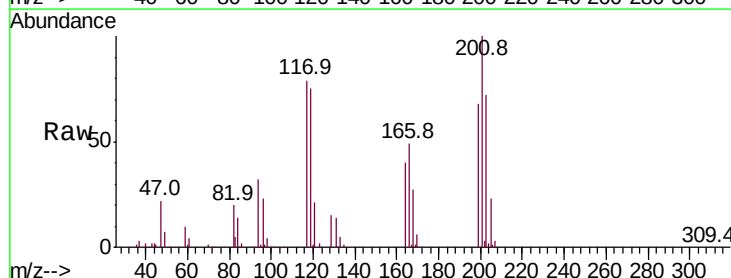
Tgt Ion:117 Resp: 74460

Ion Ratio Lower Upper

117 100

119 94.5 75.0 112.6

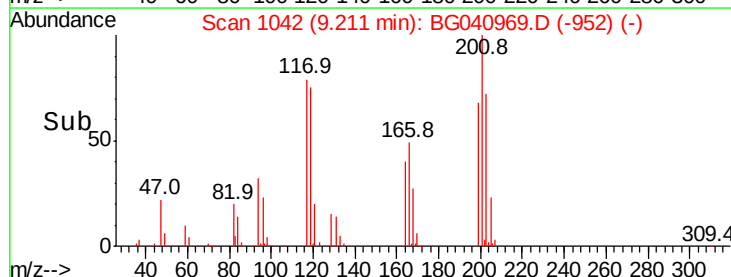
201 125.9 103.5 155.3



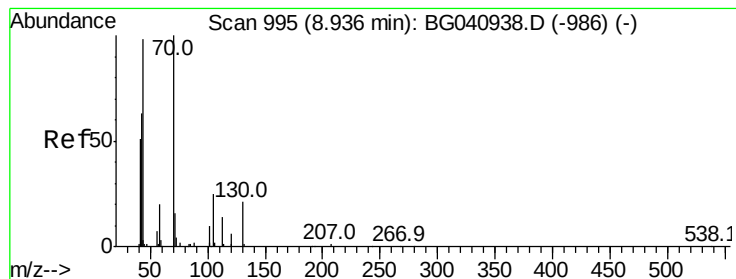
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 40.724 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 170846

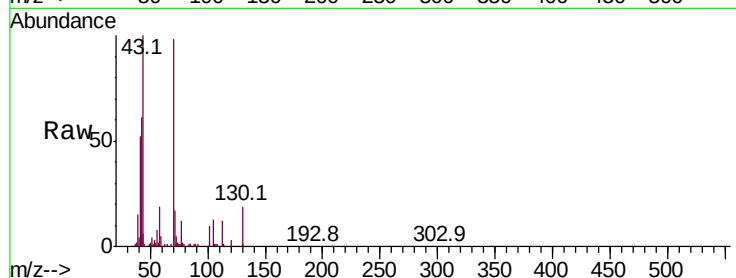
Ion Ratio Lower Upper

70 100

42 62.0 51.5 77.3

101 10.3 8.1 12.1

130 19.8 16.6 24.8

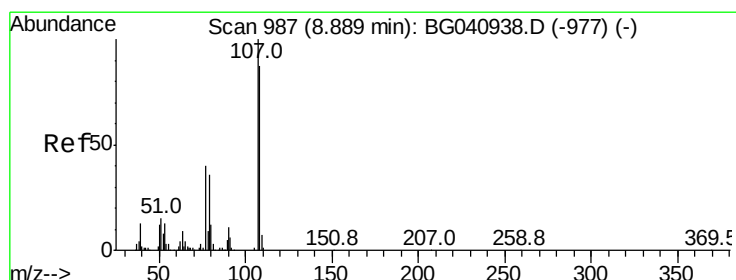
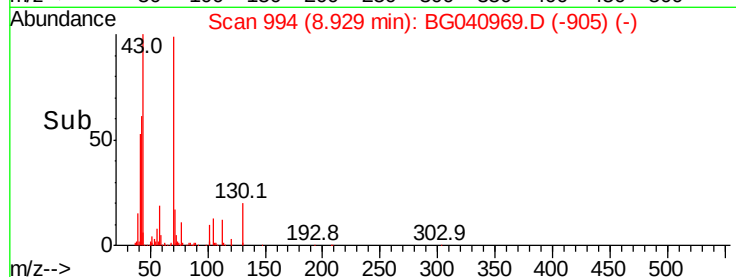
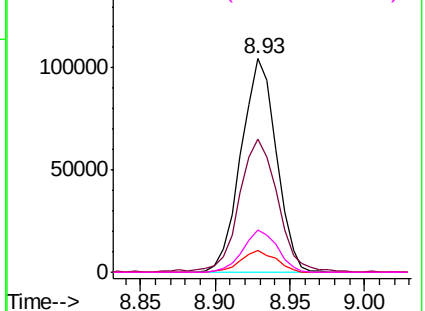


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.626 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion: 107 Resp: 226436

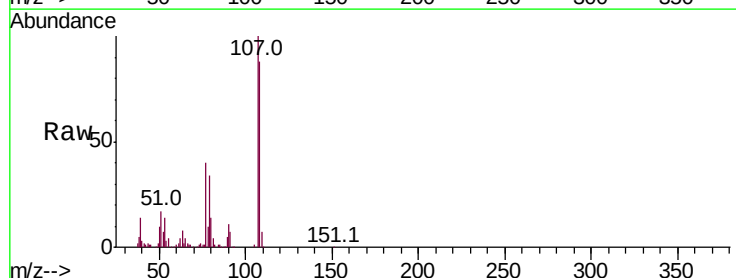
Ion Ratio Lower Upper

107 100

108 88.0 66.8 106.8

77 40.2 20.5 60.5

79 34.3 15.8 55.8

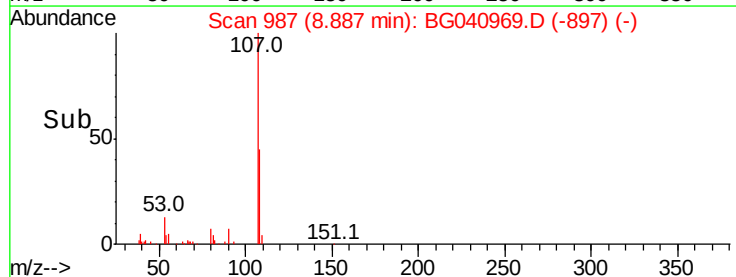
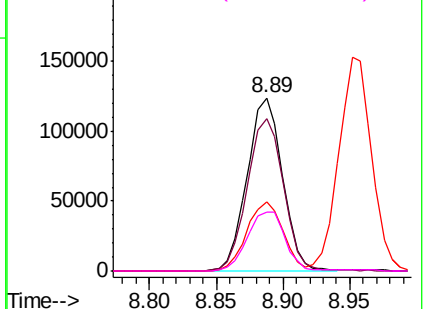


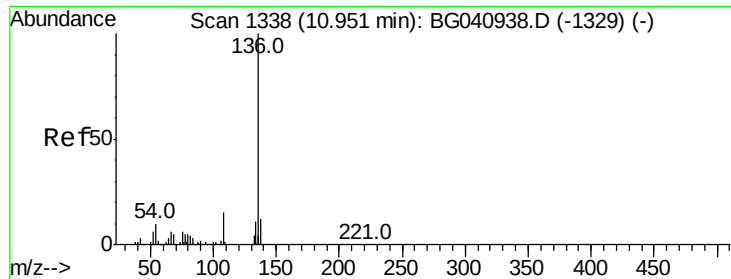
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

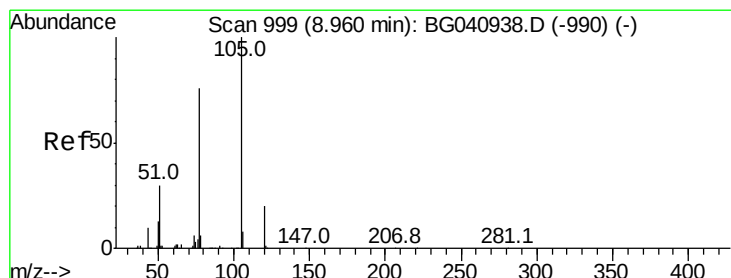
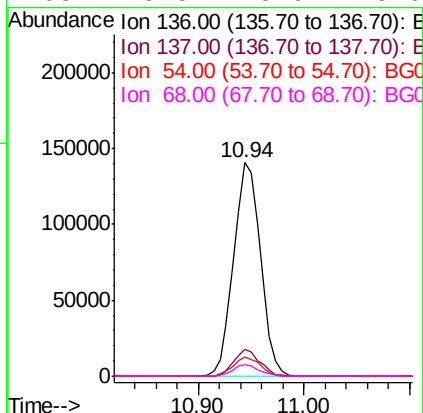
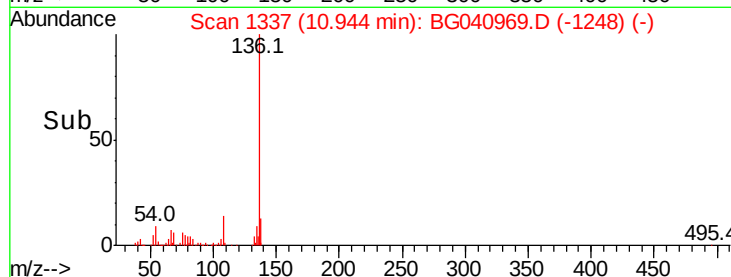
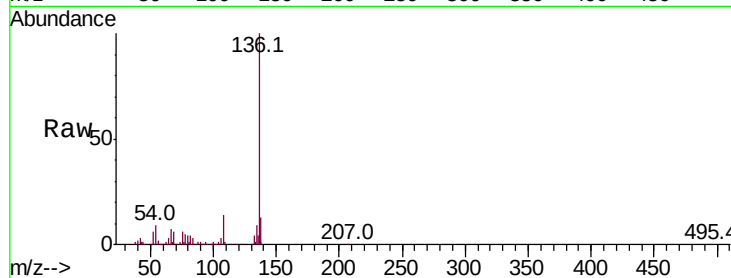




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

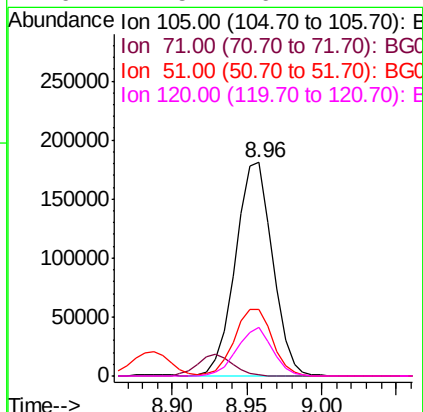
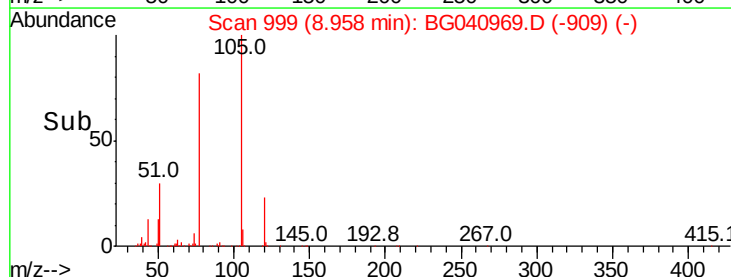
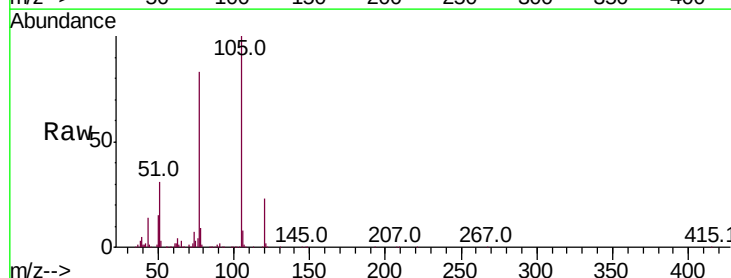
Instrument :
BNA_G
ClientSampleId :

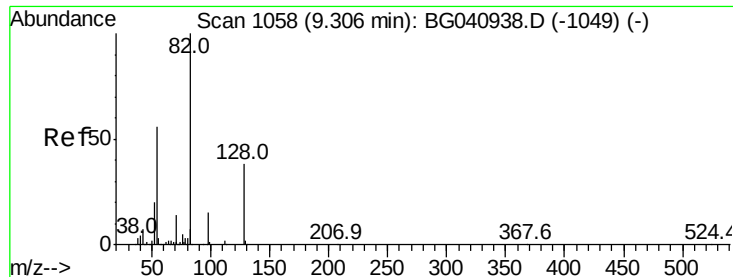
Tot Ion:136	Resp:	247441
Ion Ratio	Lower	Upper
136 100		
137 12.8	9.5	14.3
54 8.9	7.6	11.4
68 5.5	3.9	5.9



#22
Acetophenone
Concen: 44.943 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:105	Resp:	311958
Ion Ratio	Lower	Upper
105 100		
71 0.3	0.4	0.6#
51 30.9	27.0	40.6
120 22.5	16.2	24.4





#23

Nitrobenzene-d5

Concen: 88.141 ng

RT: 9.30 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

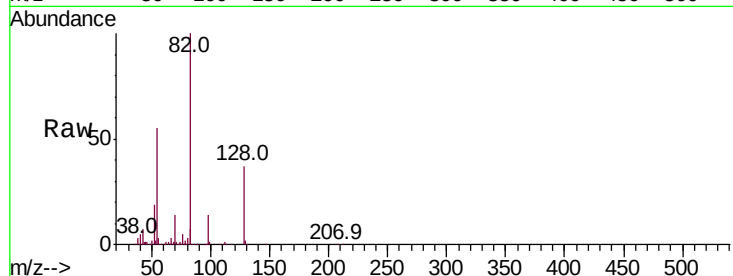
Tot Ion: 82 Resp: 491282

Ion Ratio Lower Upper

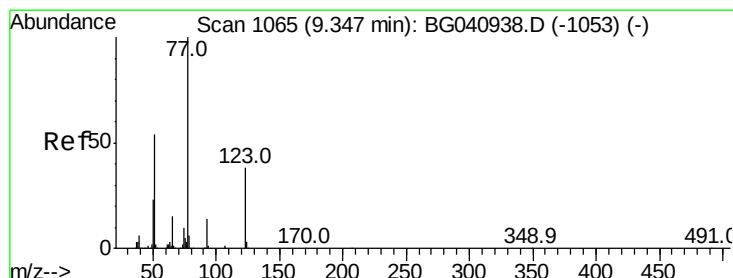
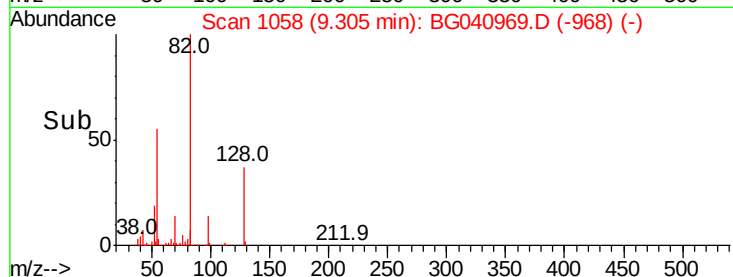
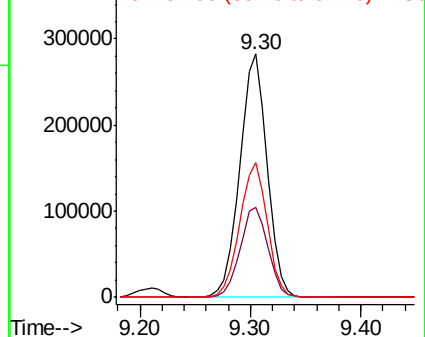
82 100

128 37.1 30.5 45.7

54 55.3 44.6 66.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 45.185 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

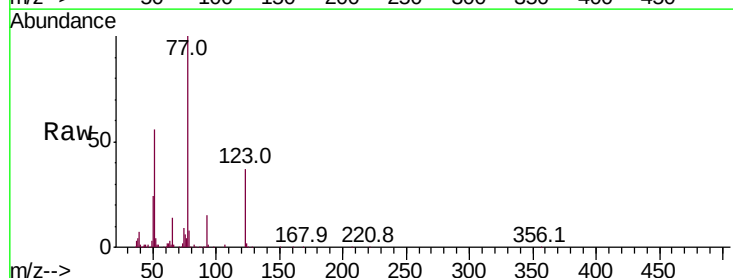
Tgt Ion: 77 Resp: 256658

Ion Ratio Lower Upper

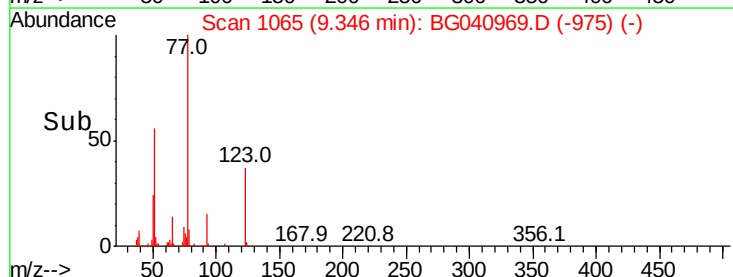
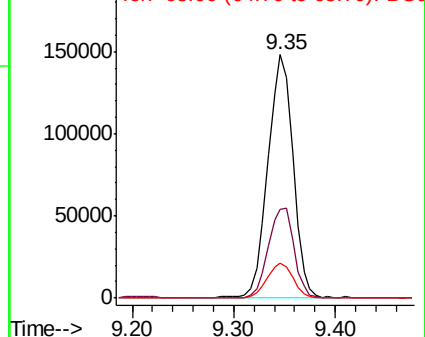
77 100

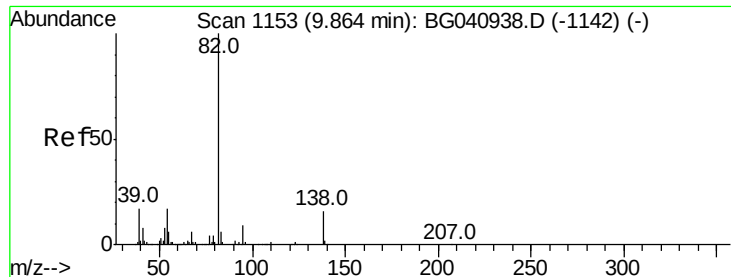
123 36.5 30.6 46.0

65 14.4 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.393 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

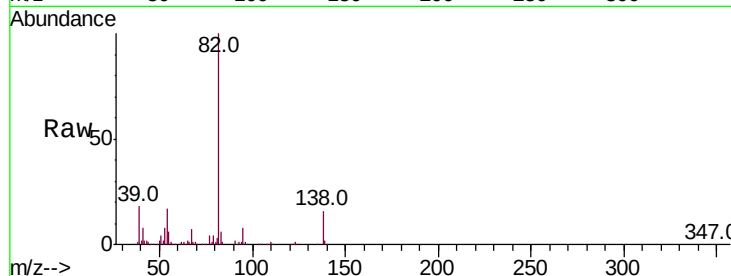
Tot Ion: 82 Resp: 481504

Ion Ratio Lower Upper

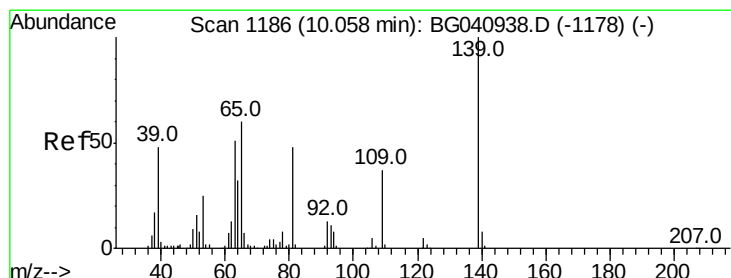
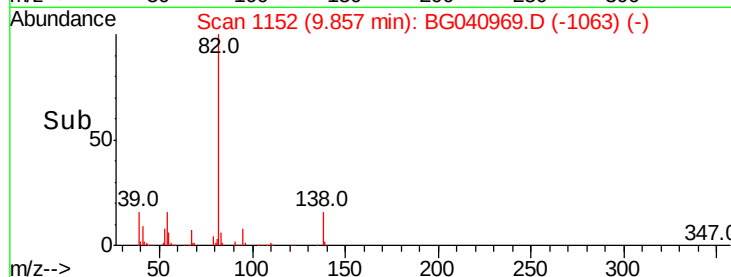
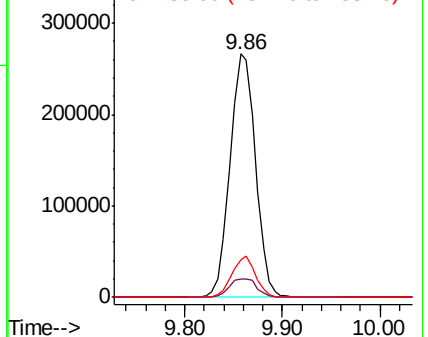
82 100

95 7.7 7.0 10.4

138 15.6 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 46.787 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

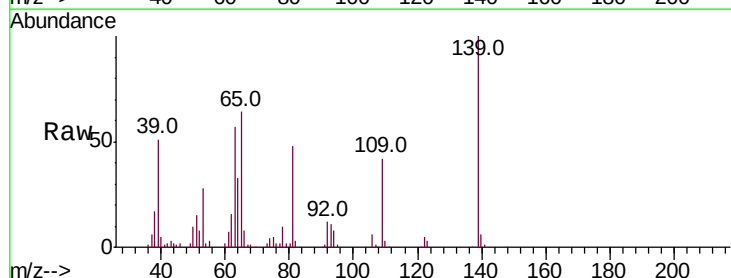
Tgt Ion: 139 Resp: 109560

Ion Ratio Lower Upper

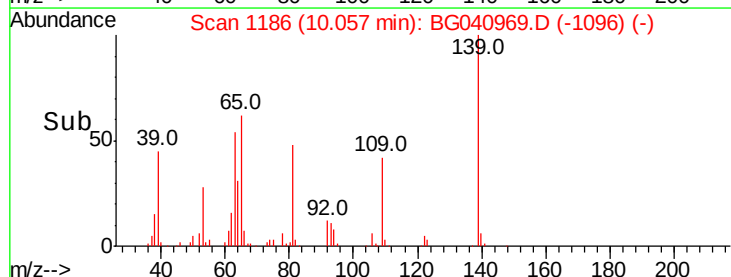
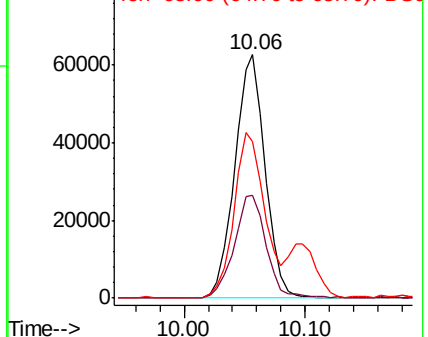
139 100

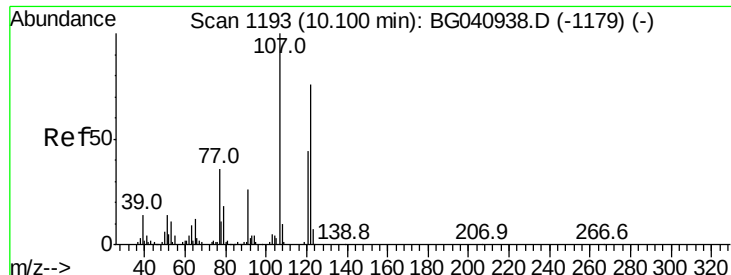
109 42.1 29.8 44.6

65 64.3 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

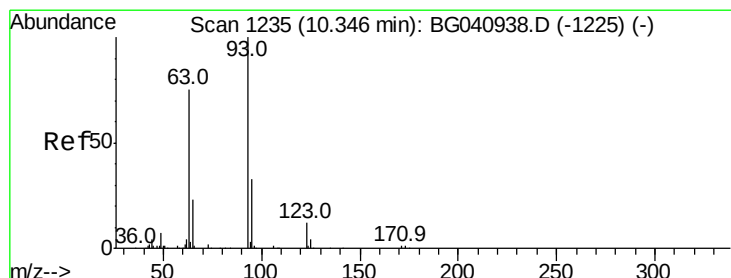
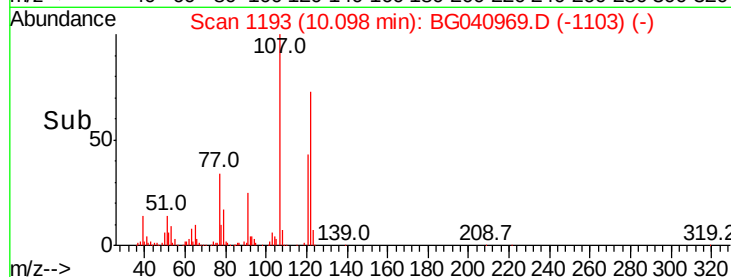
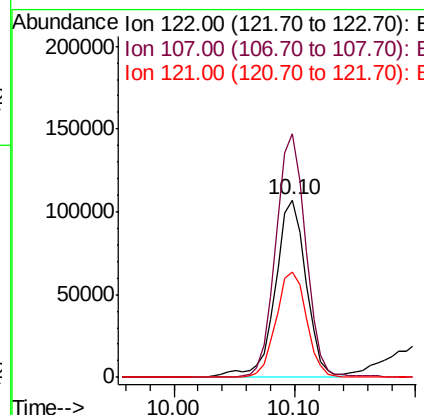
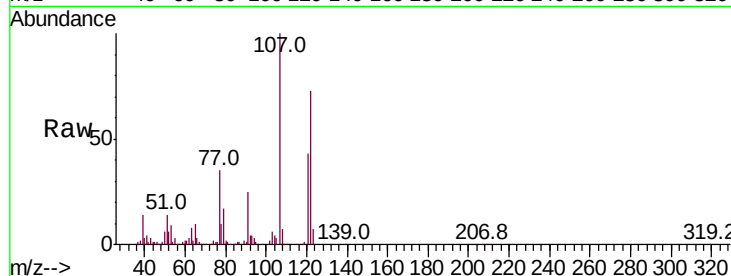




#27
 2,4-Dimethylphenol
 Concen: 48.699 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

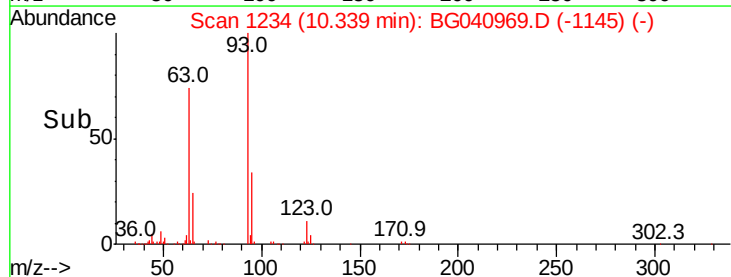
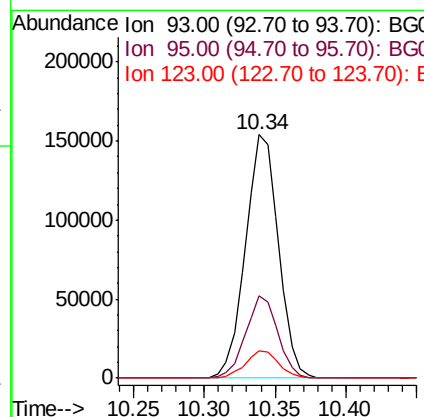
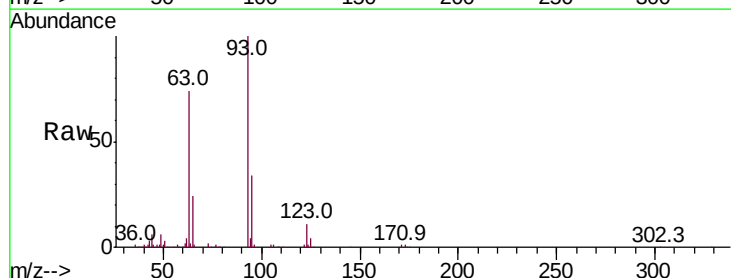
Instrument :
 BNA_G
 ClientSampleId :

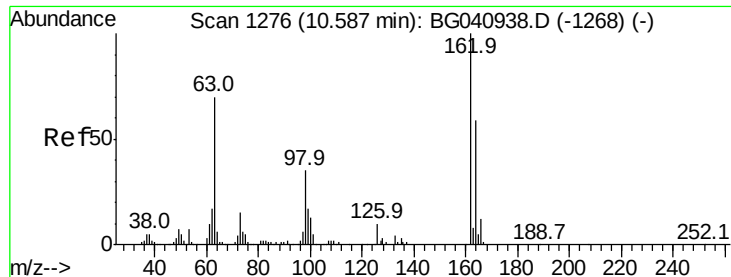
Tot Ion	Ratio	Lower	Upper
122	100		
107	137.1	105.9	158.9
121	59.2	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.039 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.2	39.2
123	11.1	9.5	14.3

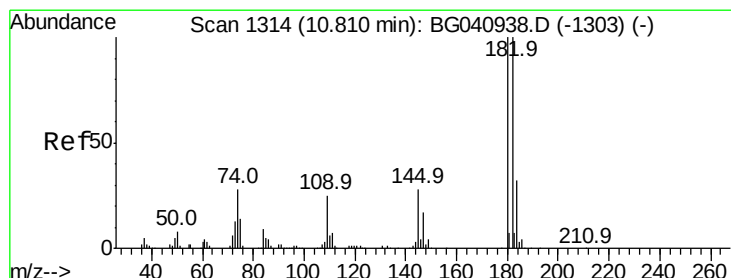
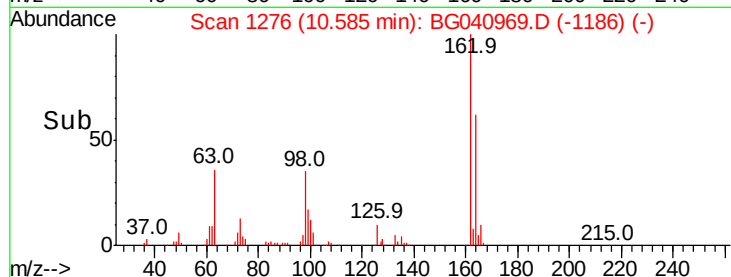
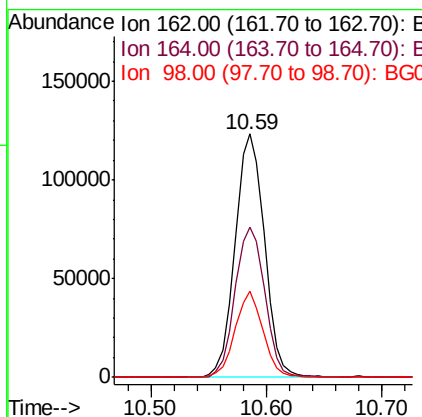
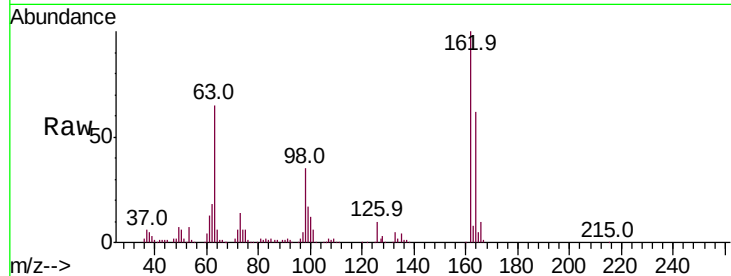




#29
 2,4-Dichlorophenol
 Concen: 44.222 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

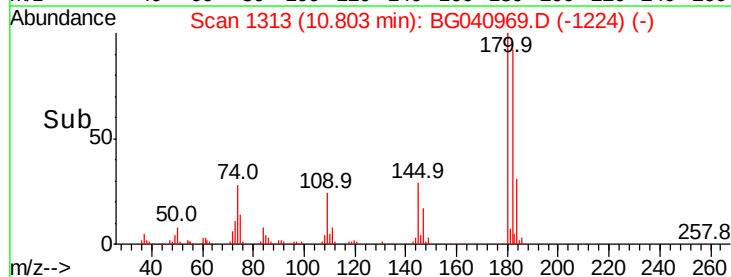
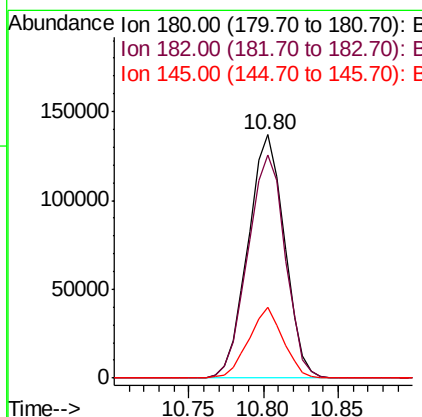
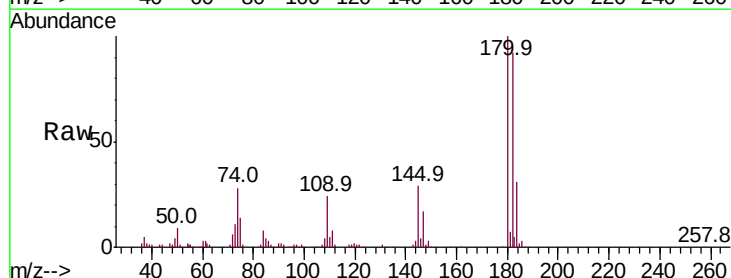
Instrument :
 BNA_G
 ClientSampleId :

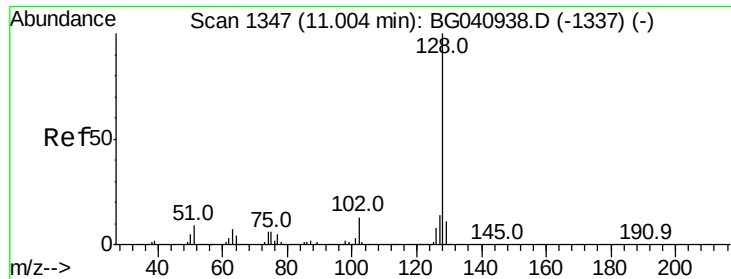
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	39.4	79.4
98	35.5	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.579 ng
 RT: 10.80 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	79.7	119.5
145	29.3	22.6	34.0

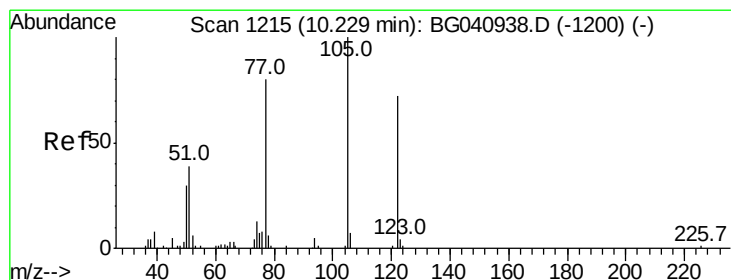
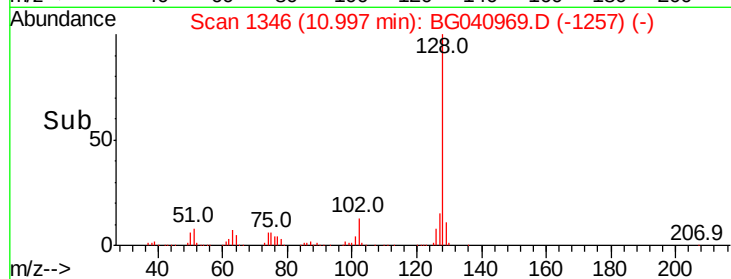
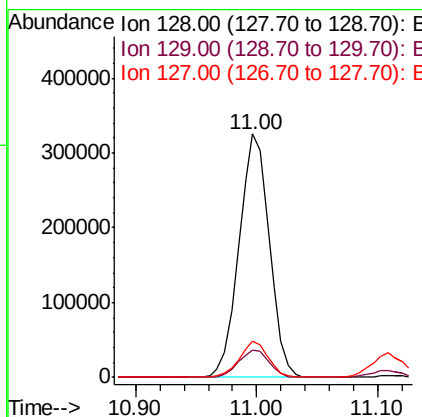
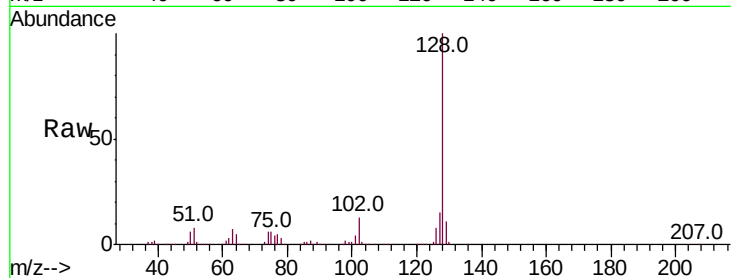




#31
Naphthalene
Concen: 42.953 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

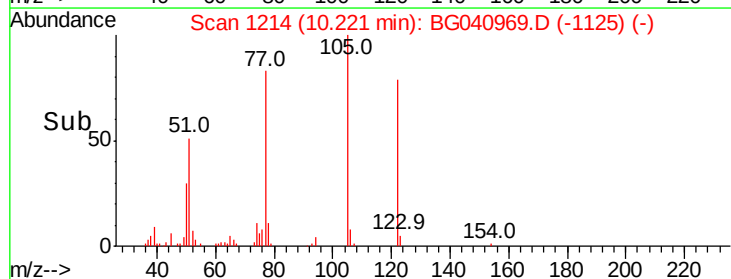
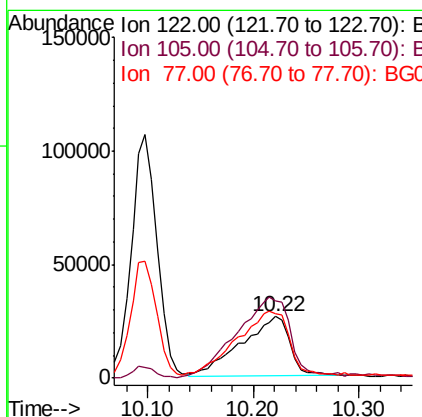
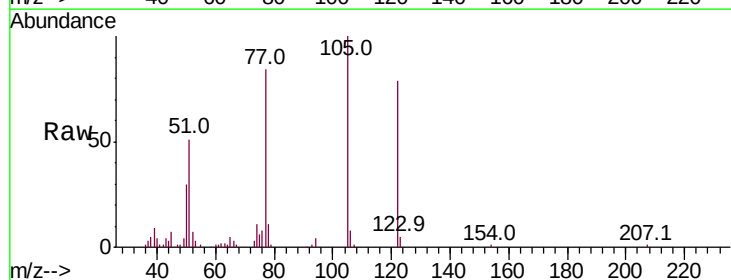
Instrument :
BNA_G
ClientSampleId :

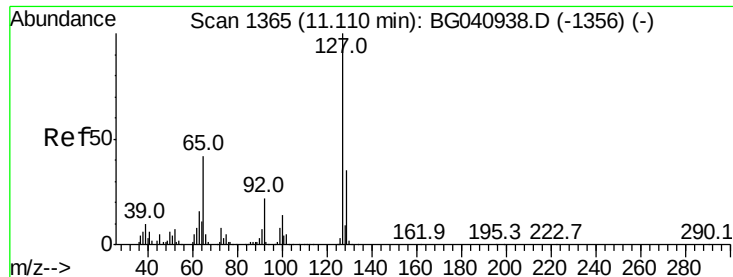
Tot Ion:128 Resp: 570652
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.8 11.4 17.2



#32
Benzoic acid
Concen: 31.699 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:122 Resp: 85327
Ion Ratio Lower Upper
122 100
105 125.8 114.8 154.8
77 105.5 89.9 129.9

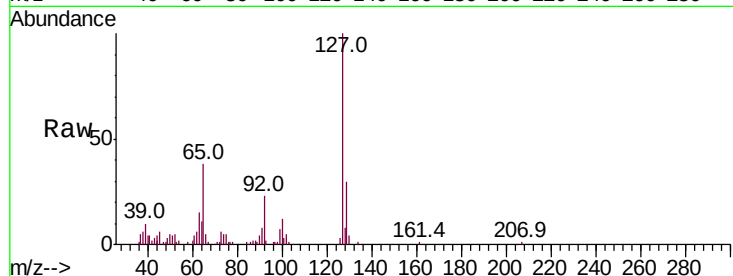




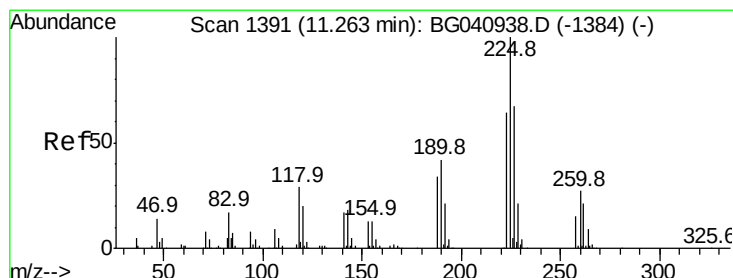
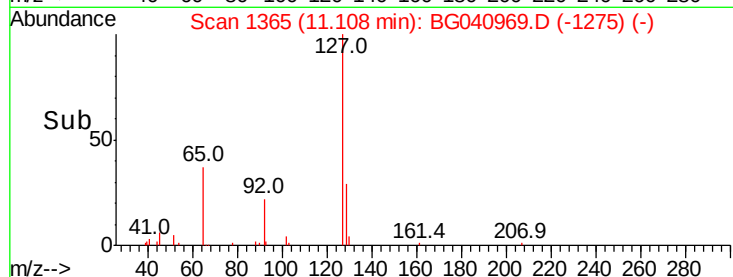
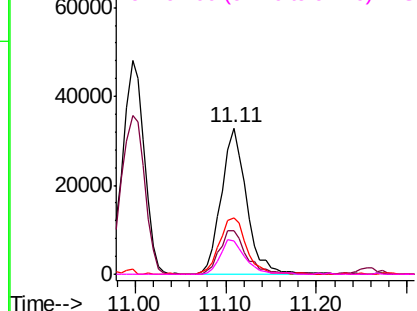
#33
4-Chloroaniline
Concen: 10.291 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	63436	
Ion Ratio	Lower	Upper	
127 100			
129 29.7	27.7	41.5	
65 38.4	33.2	49.8	
92 22.6	17.2	25.8	

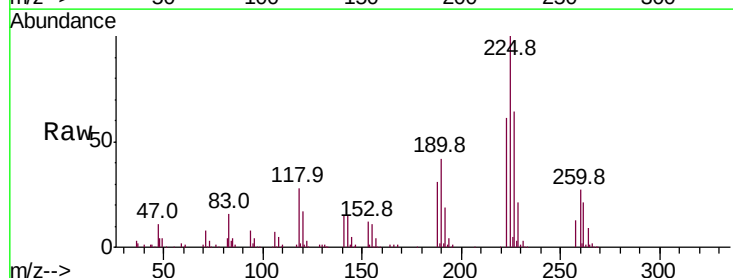


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

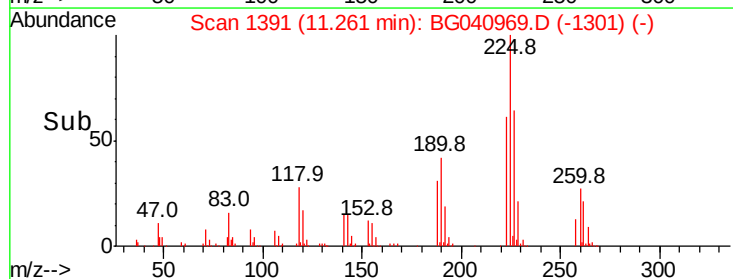
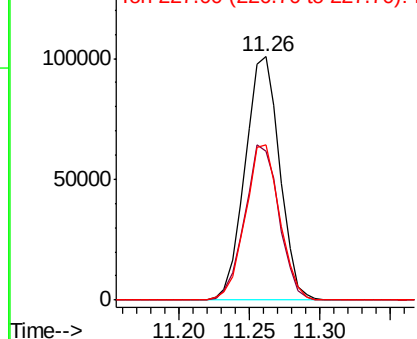


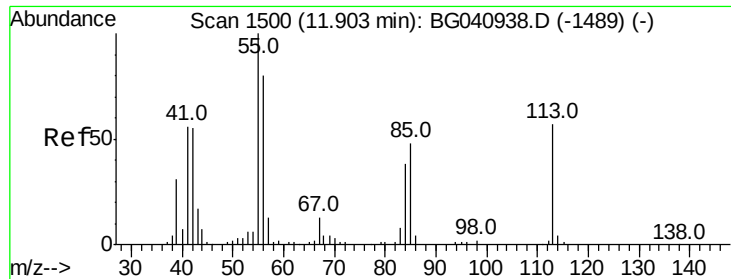
#34
Hexachlorobutadiene
Concen: 40.462 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	225	Resp: Lower	172968 Upper
	Ratio		
225	100		
223	61.2	48.8	73.2
227	63.9	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

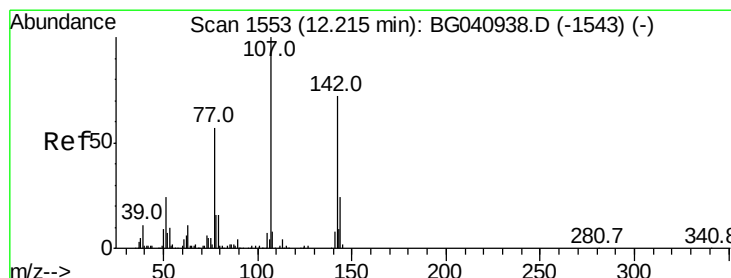
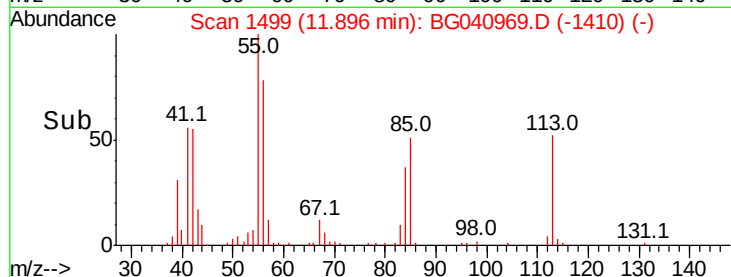
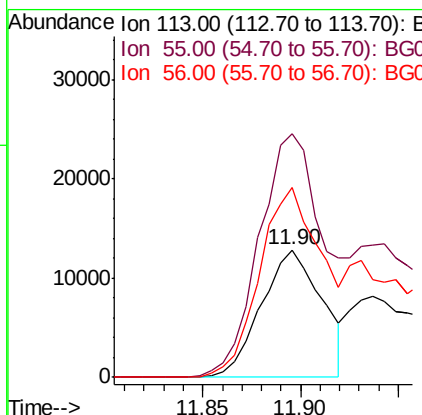
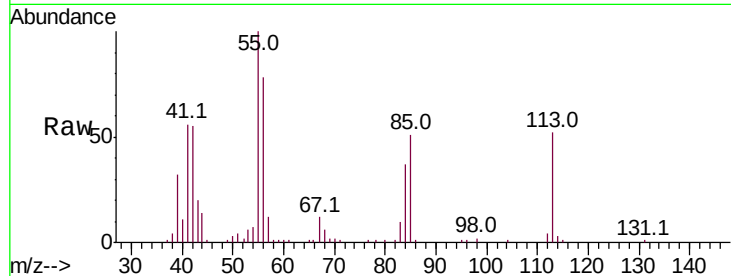




#35
 Caprolactam
 Concen: 17.026 ng
 RT: 11.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

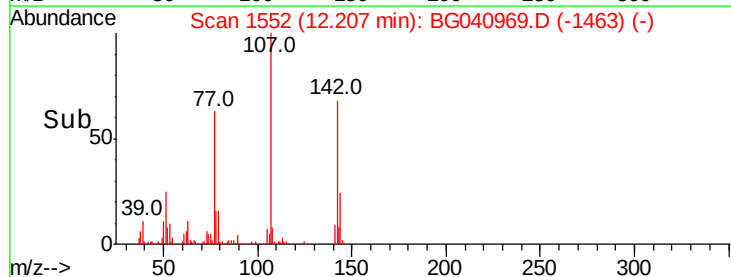
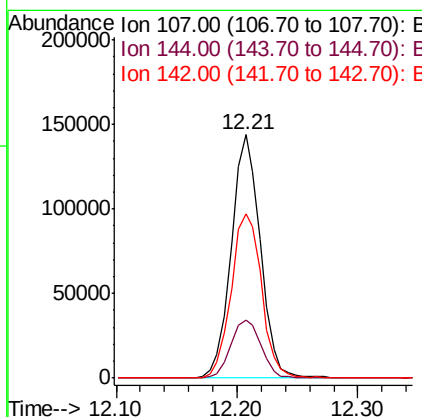
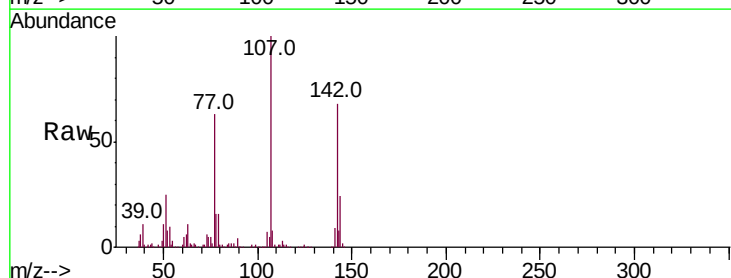
Instrument :
 BNA_G
 ClientSampled :

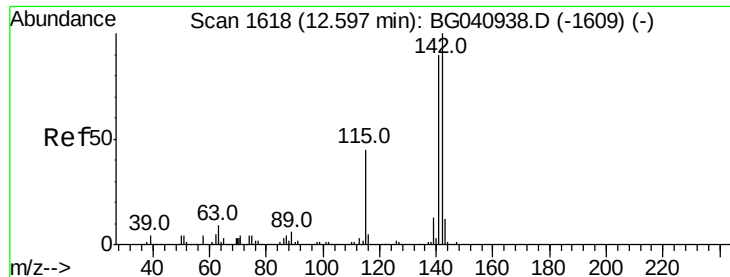
Tot Ion:113 Resp: 27613
 Ion Ratio Lower Upper
 113 100
 55 190.8 155.9 195.9
 56 148.6 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.965 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion:107 Resp: 240984
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.4 29.0
 142 67.5 57.3 85.9

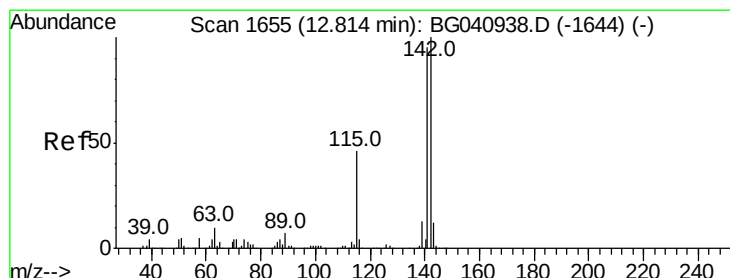
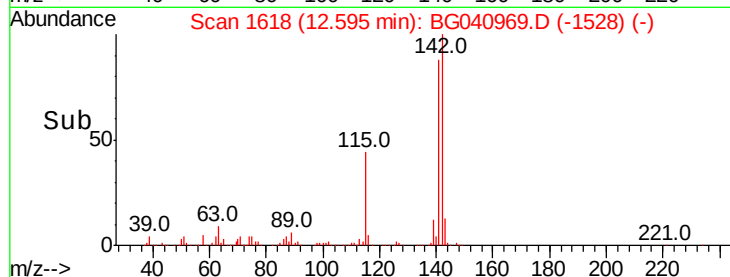
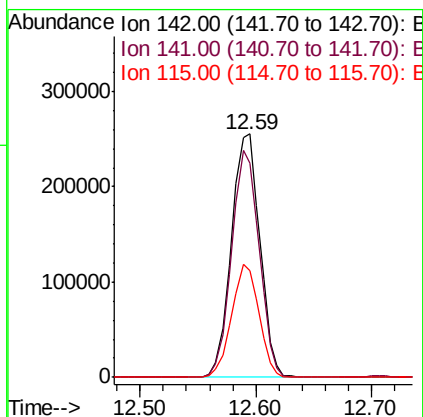
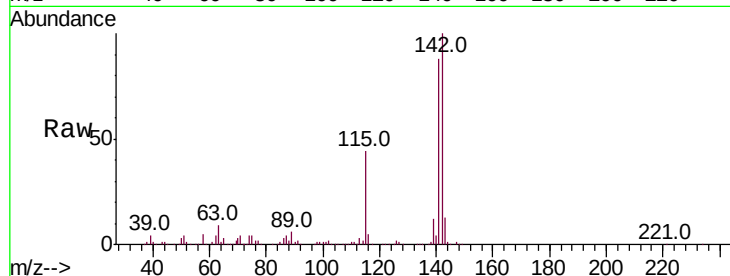




#37
2-Methylnaphthalene
Concen: 42.531 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

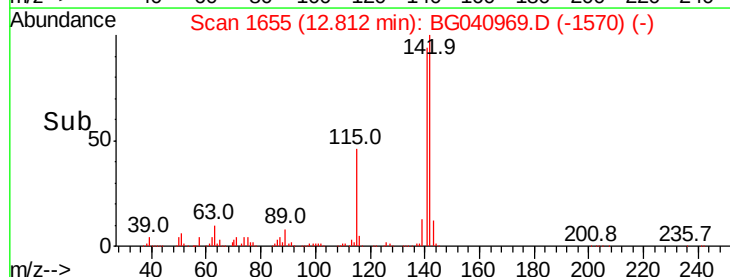
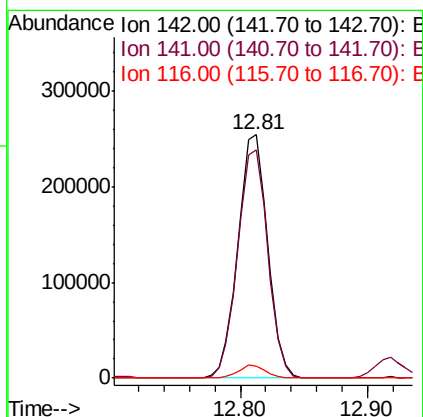
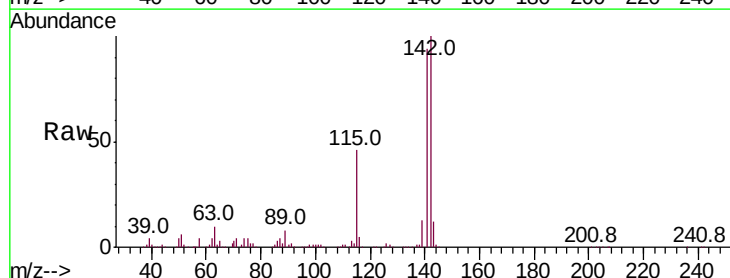
Instrument :
BNA_G
ClientSampleId :

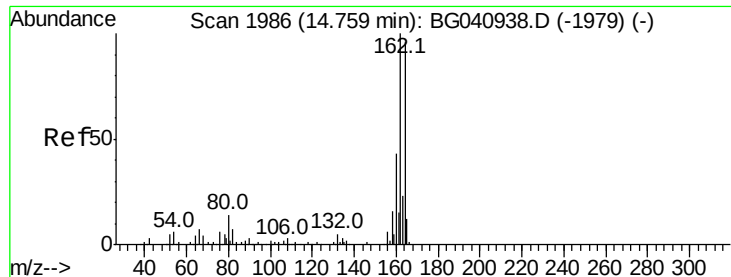
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.2	108.4
115	44.0	36.2	54.4



#38
1-Methylnaphthalene
Concen: 42.919 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.7	113.5
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

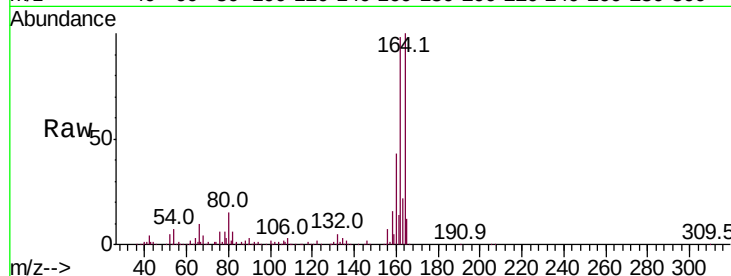
Tot Ion:164 Resp: 180083

Ion Ratio Lower Upper

164 100

162 97.9 83.0 124.4

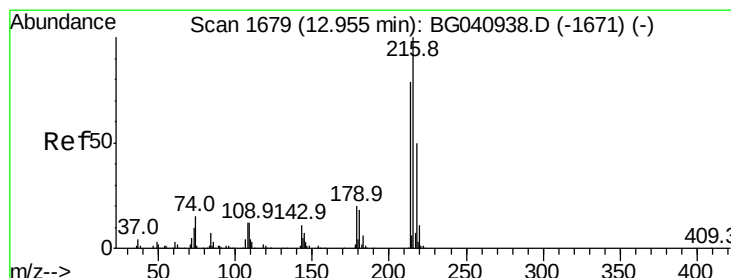
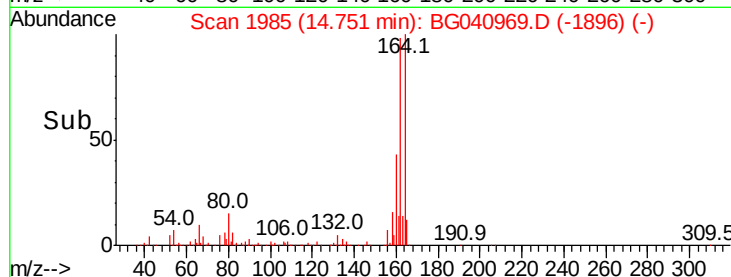
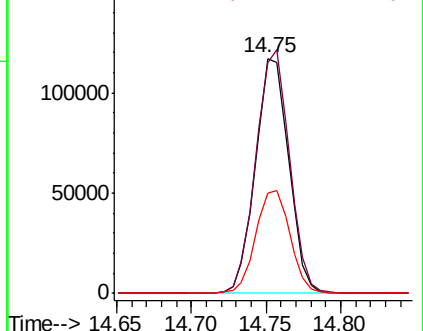
160 42.7 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.676 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:216 Resp: 317015

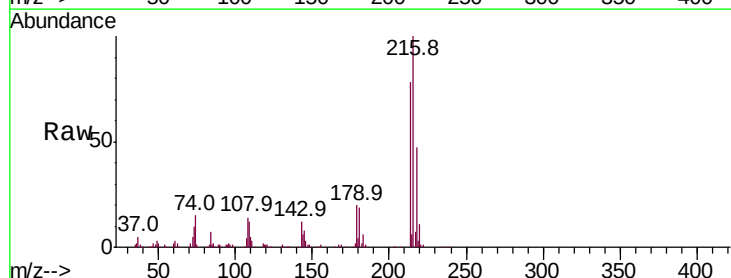
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 19.3 15.2 22.8

108 17.6 11.4 17.2#

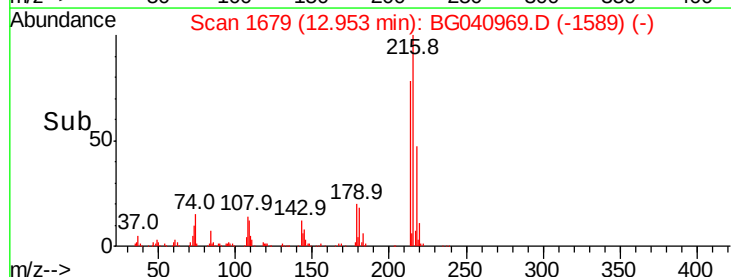
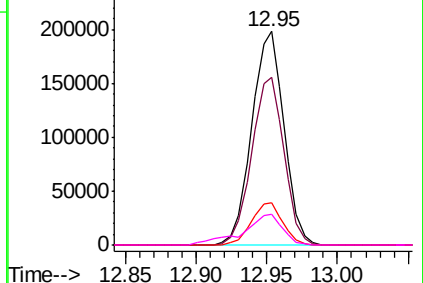


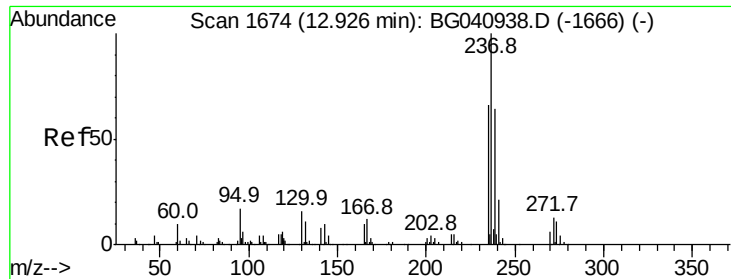
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

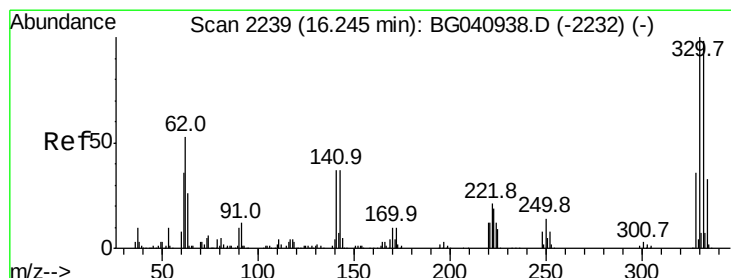
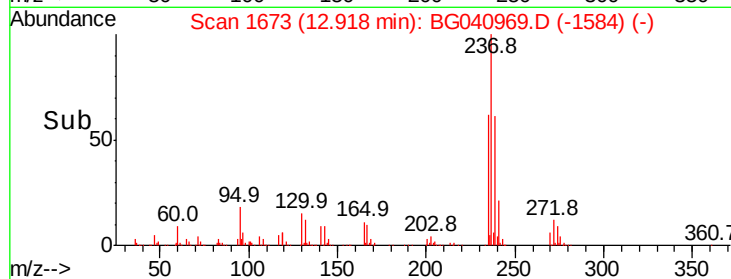
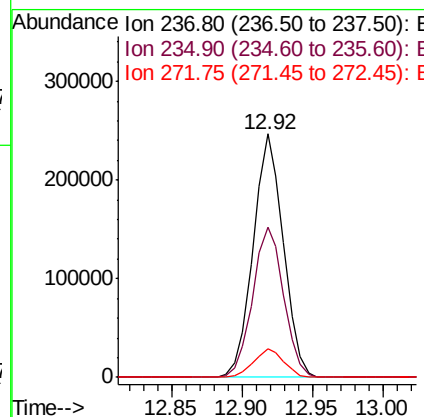
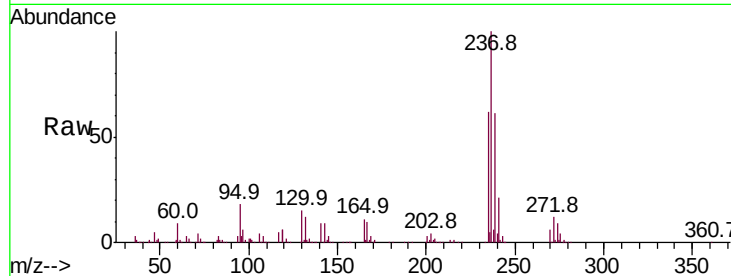




#41
Hexachlorocyclopentadiene
Concen: 93.098 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

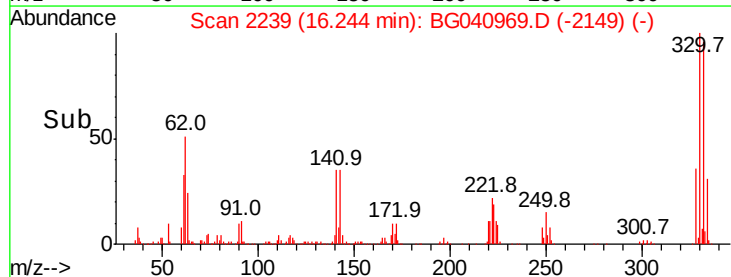
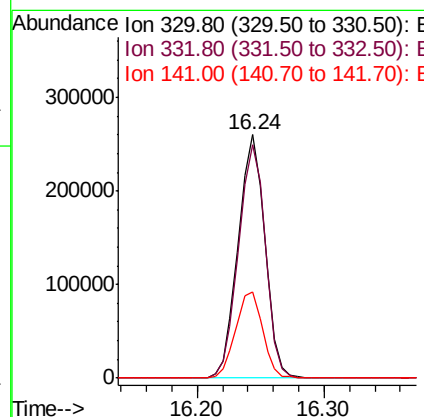
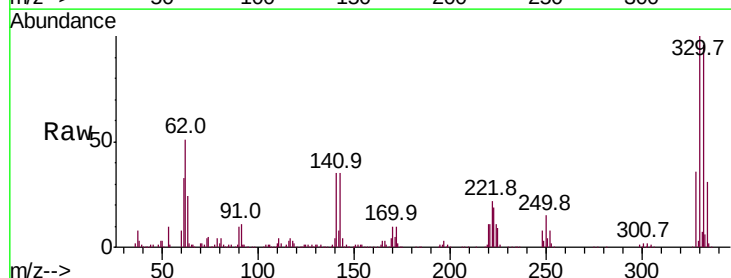
Instrument :
BNA_G
ClientSampleId :

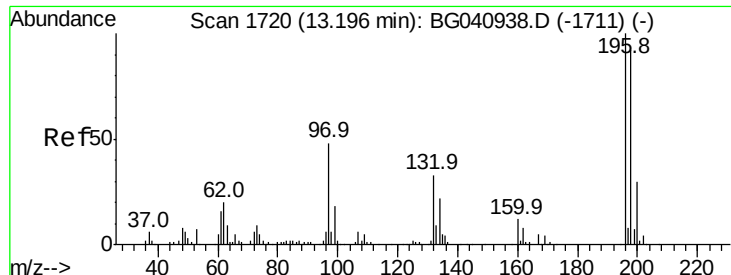
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.9	45.5	85.5
272	11.8	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 141.893 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.5	117.7
141	35.9	28.7	43.1

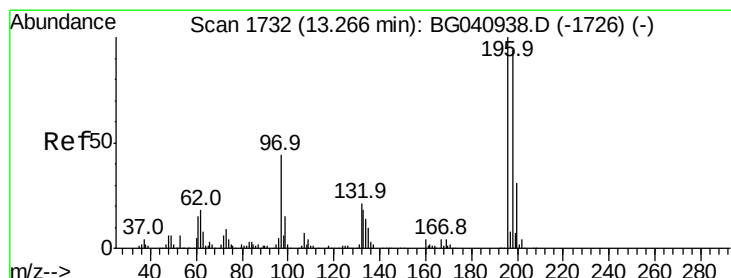
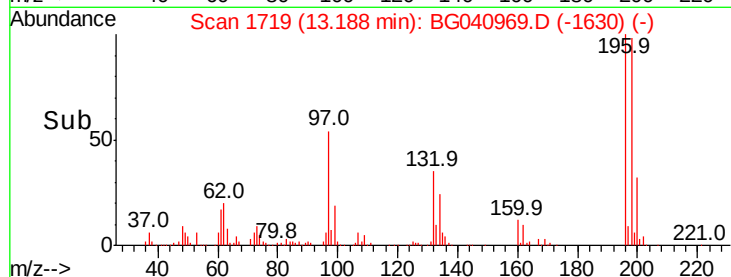
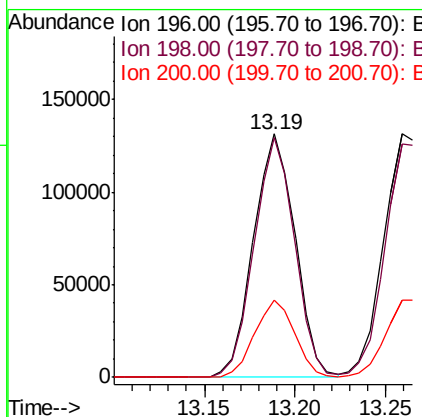
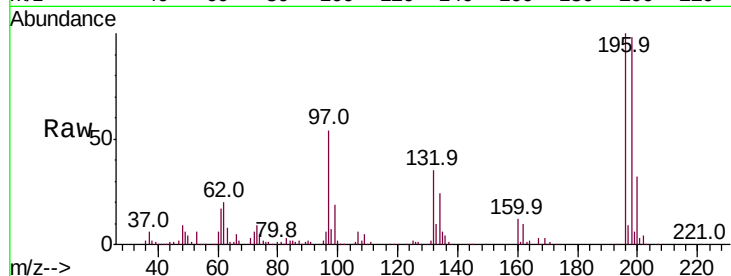




#43
 2,4,6-Trichlorophenol
 Concen: 44.429 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

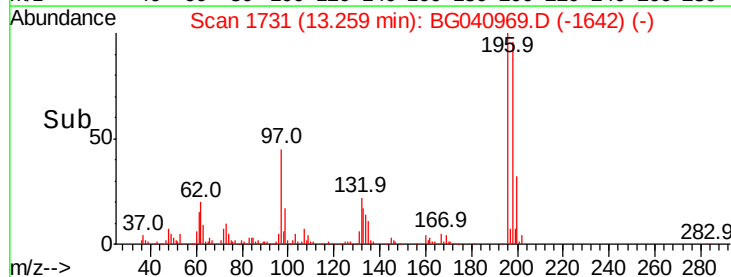
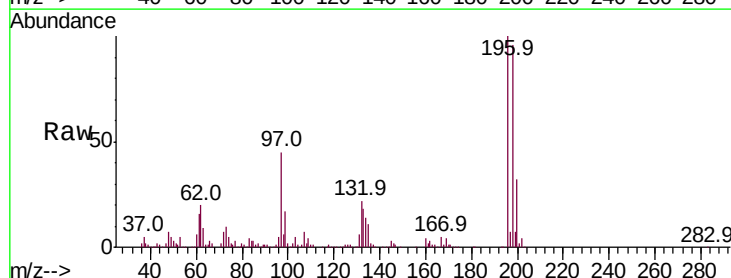
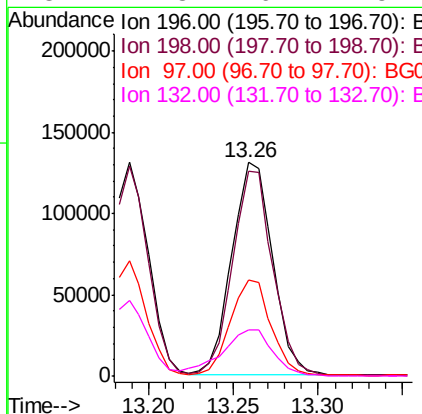
Instrument :
 BNA_G
 ClientSampleId :

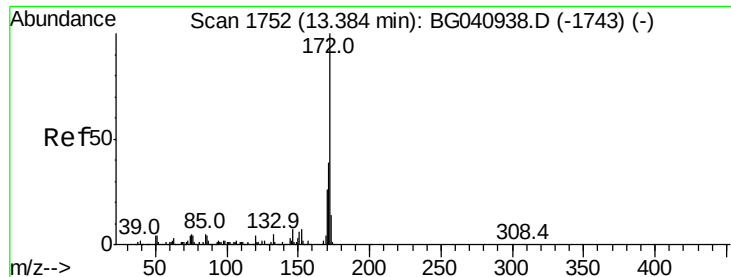
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	73.8	110.6
200	31.9	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.396 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.1	112.7
97	44.8	35.6	53.4
132	21.8	16.7	25.1

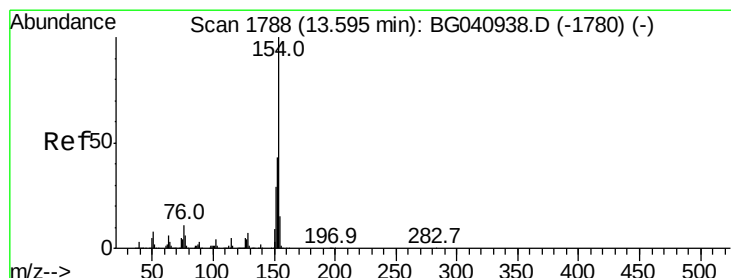
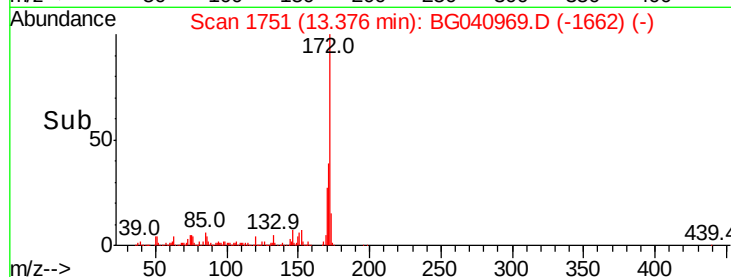
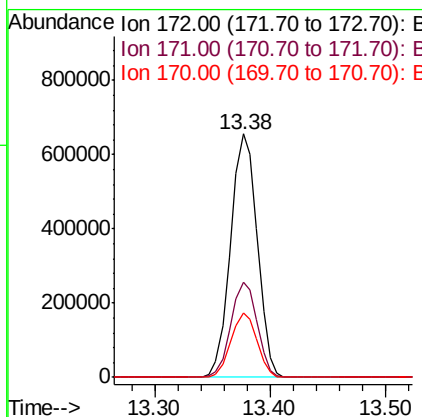
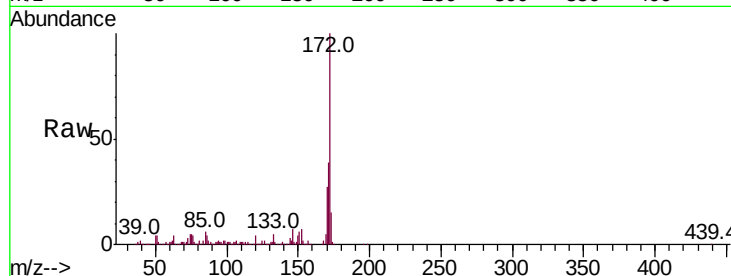




#45
2-Fluorobiphenyl
Concen: 83.794 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

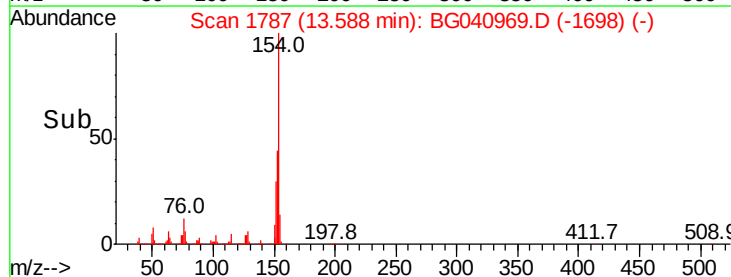
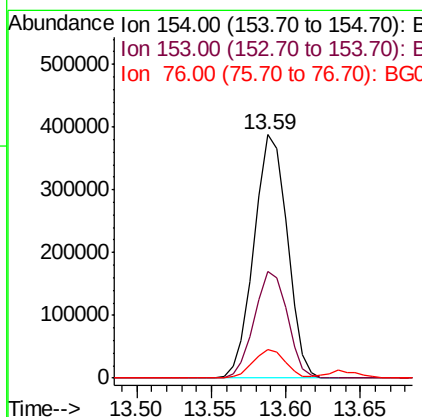
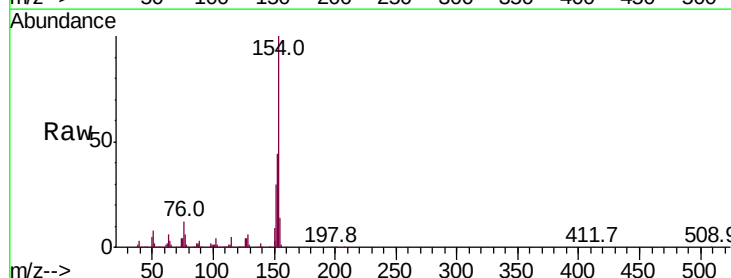
Instrument :
BNA_G
ClientSampleId :

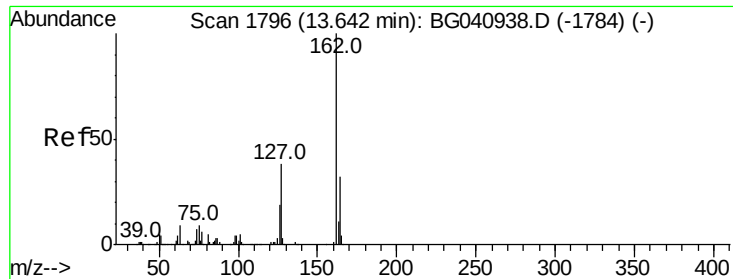
Tot Ion:172 Resp: 1047826
Ion Ratio Lower Upper
172 100
171 38.9 31.1 46.7
170 26.7 20.5 30.7



#46
1,1'-Biphenyl
Concen: 44.893 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:154 Resp: 598429
Ion Ratio Lower Upper
154 100
153 43.6 23.3 63.3
76 11.9 0.0 31.1

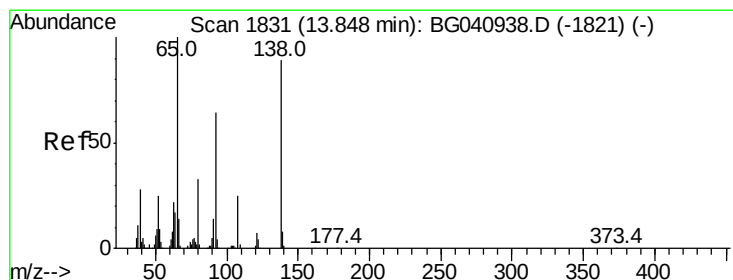
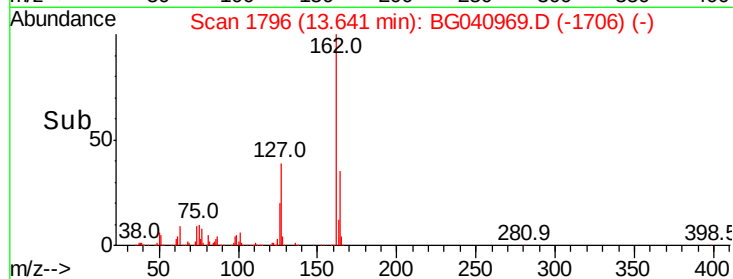
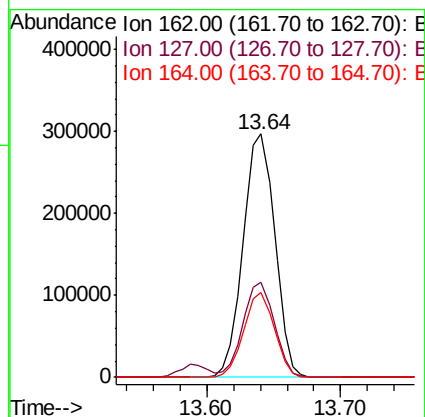
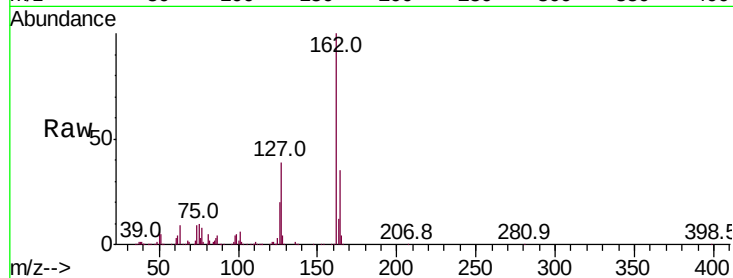




#47
 2-Chloronaphthalene
 Concen: 42.647 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

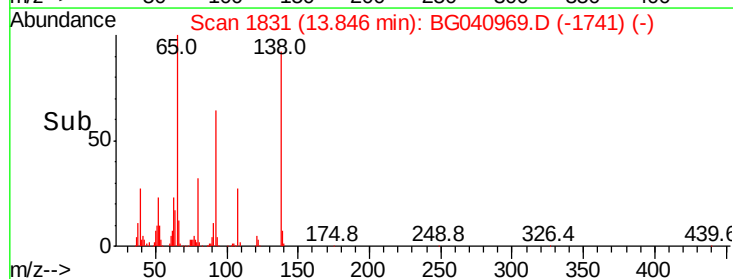
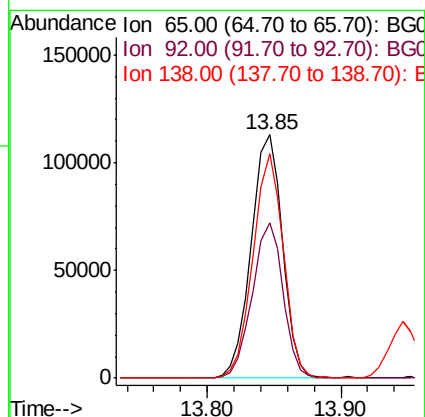
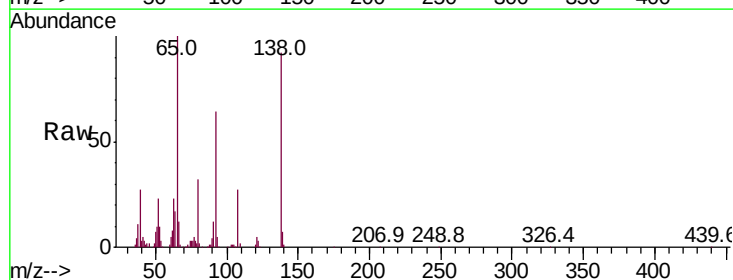
Instrument :
 BNA_G
 ClientSampleId :

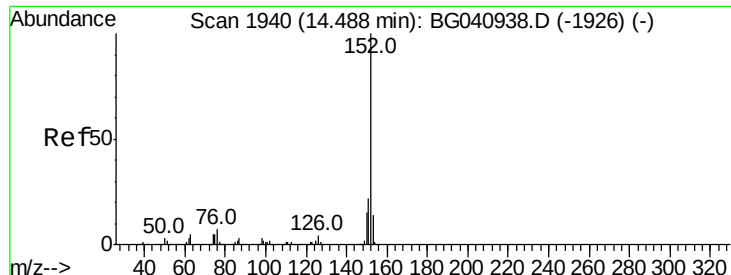
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.5	45.7
164	34.8	25.8	38.6



#48
 2-Nitroaniline
 Concen: 44.545 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	51.0	76.6
138	92.1	71.2	106.8





#49

Acenaphthylene

Concen: 44.513 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

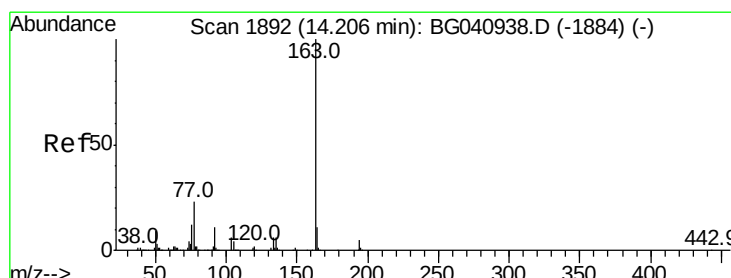
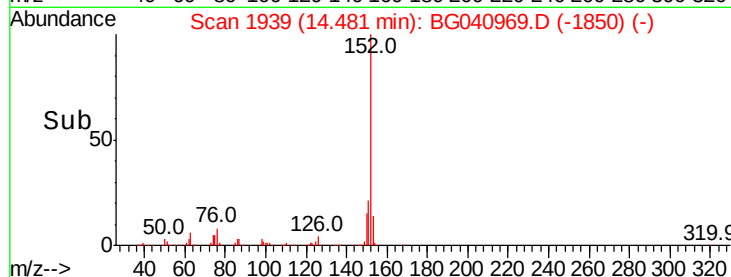
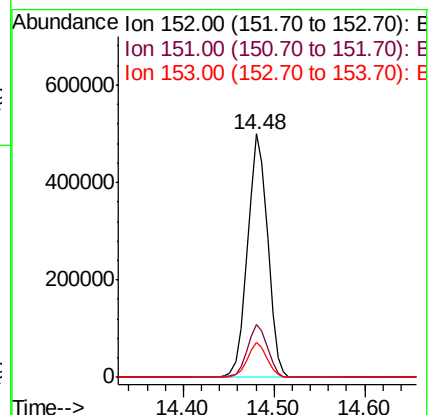
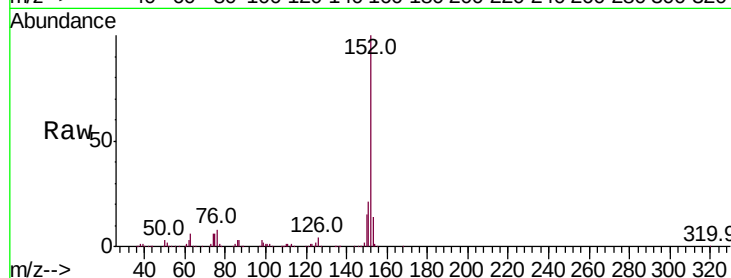
Tot Ion:152 Resp: 766668

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.0

153 14.2 11.0 16.4



#50

Dimethylphthalate

Concen: 43.809 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

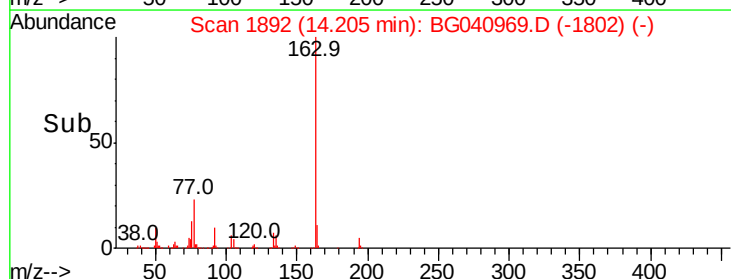
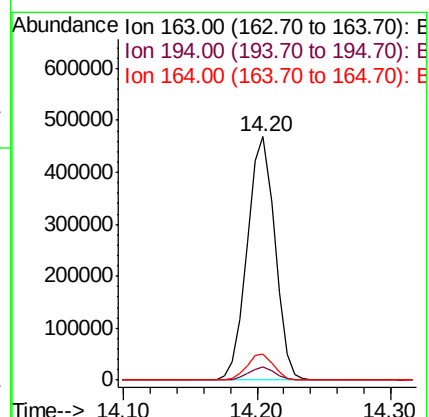
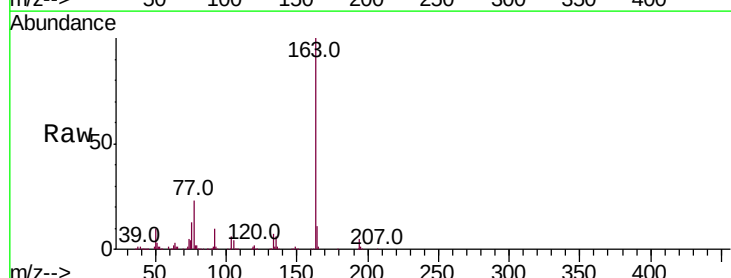
Tgt Ion:163 Resp: 667832

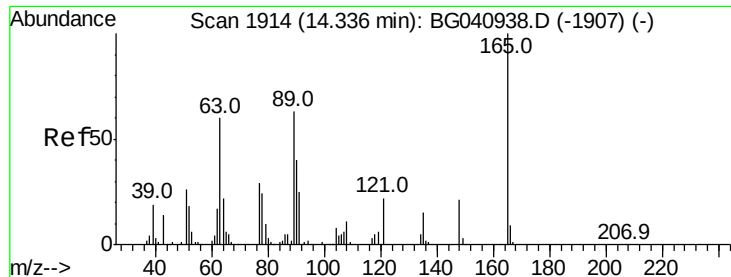
Ion Ratio Lower Upper

163 100

194 5.3 3.8 5.8

164 10.8 8.7 13.1

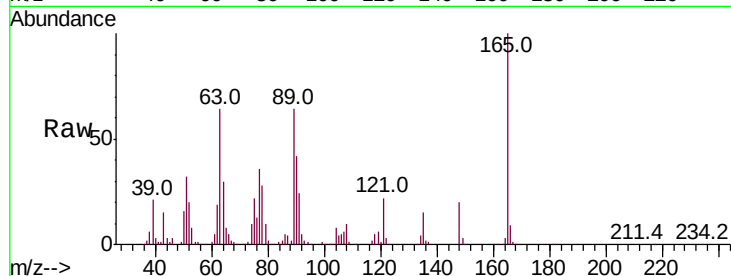




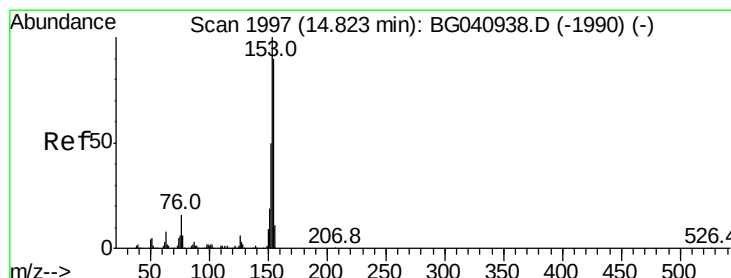
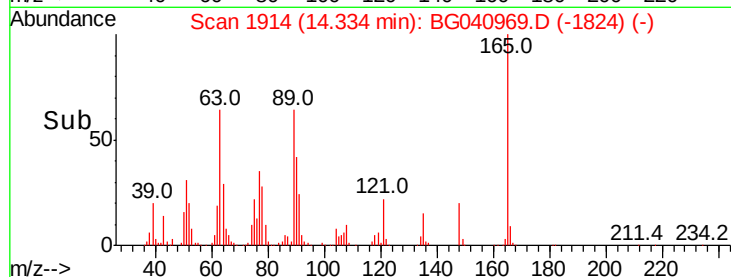
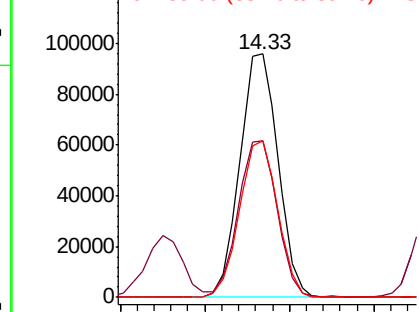
#51
 2,6-Dinitrotoluene
 Concen: 45.907 ng
 RT: 14.33 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 150885
 Ion Ratio Lower Upper
 165 100
 63 64.2 53.6 80.4
 89 64.3 50.4 75.6

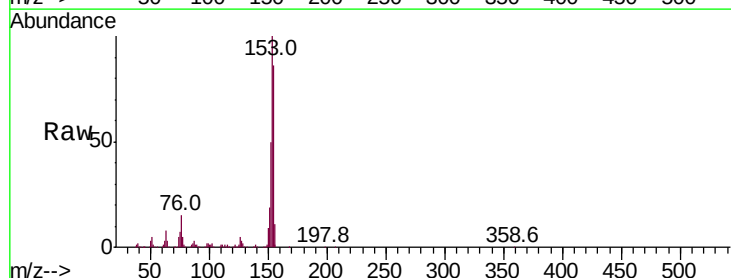


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

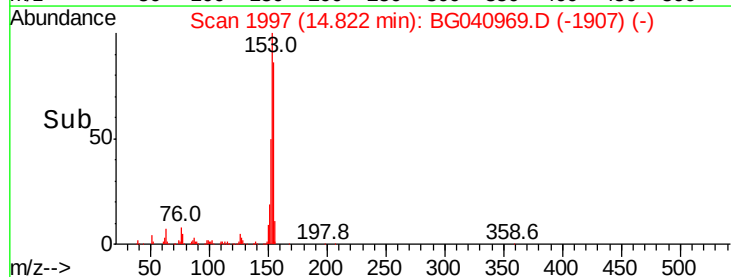
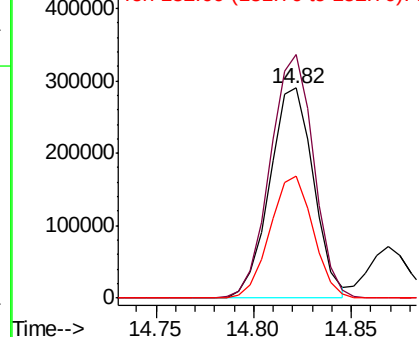


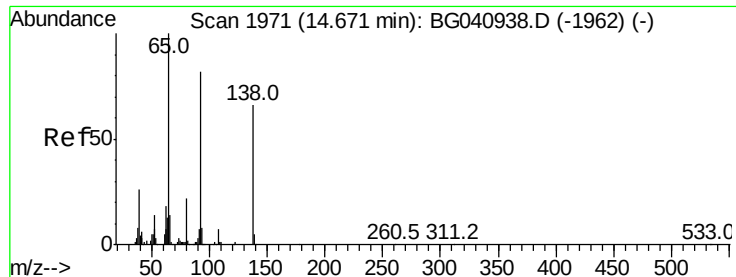
#52
 Acenaphthene
 Concen: 43.229 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion:154 Resp: 451040
 Ion Ratio Lower Upper
 154 100
 153 116.1 88.6 133.0
 152 58.3 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

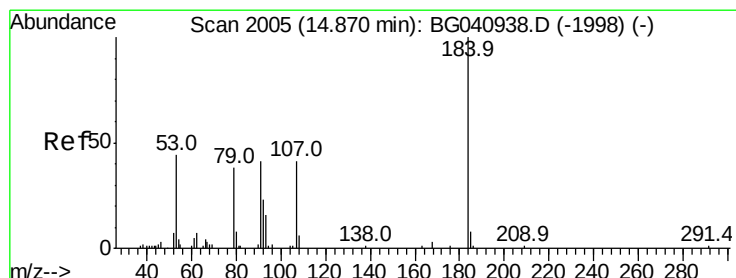
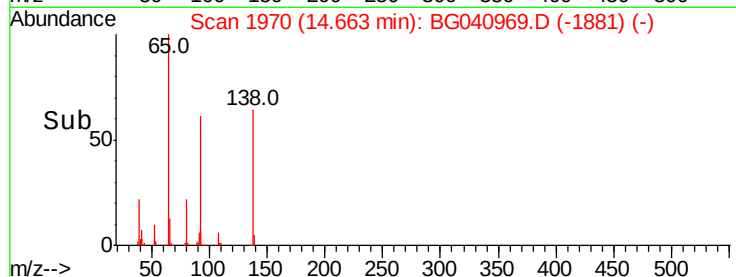
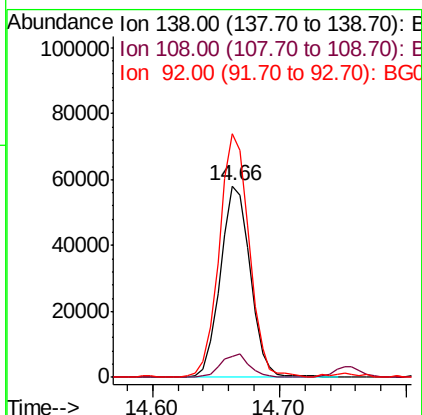
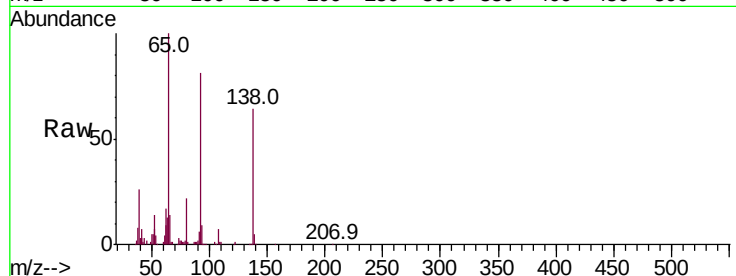




#53
3-Nitroaniline
Concen: 28.864 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

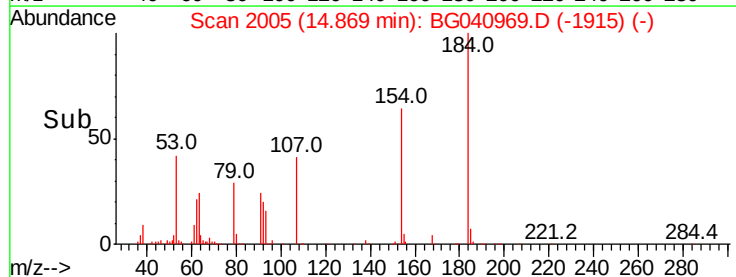
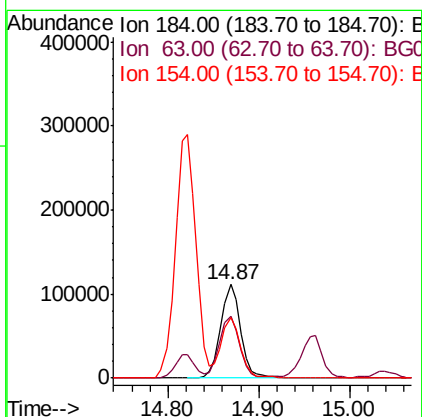
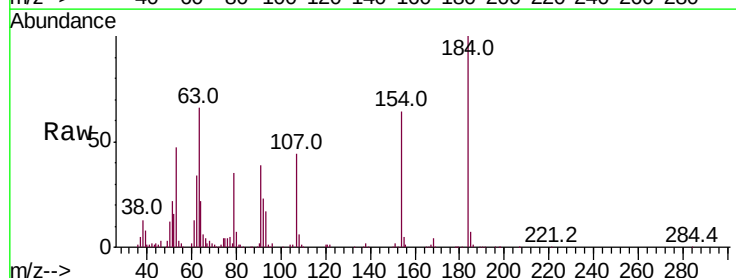
Instrument :
BNA_G
ClientSampleId :

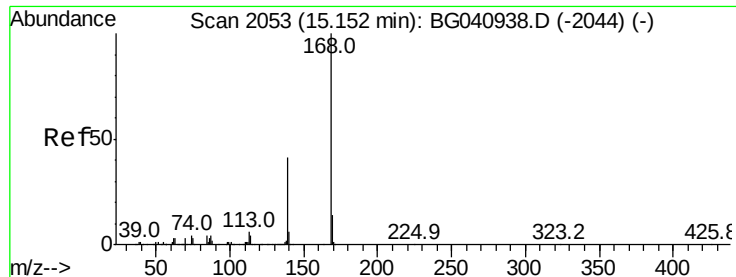
Tot Ion:138 Resp: 94865
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 127.3 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 92.824 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:184 Resp: 169983
Ion Ratio Lower Upper
184 100
63 65.7 49.8 74.6
154 64.4 52.2 78.4





#55

Dibenzofuran

Concen: 44.670 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

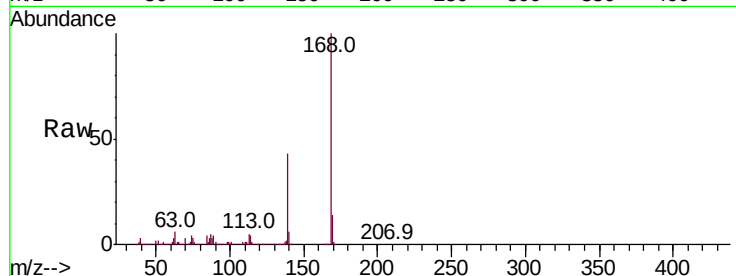
Tot Ion:168 Resp: 784253

Ion	Ratio	Lower	Upper
168	100		
139	43.0	32.8	49.2
169	14.0	11.3	16.9

168 100

139 43.0 32.8 49.2

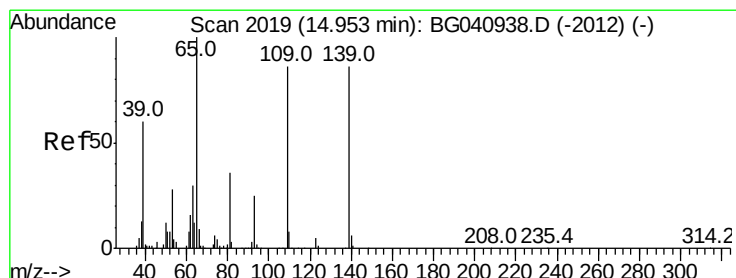
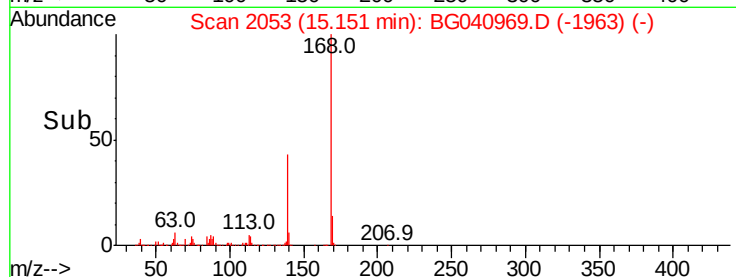
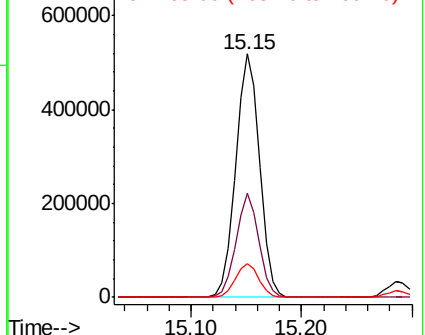
169 14.0 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 93.284 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

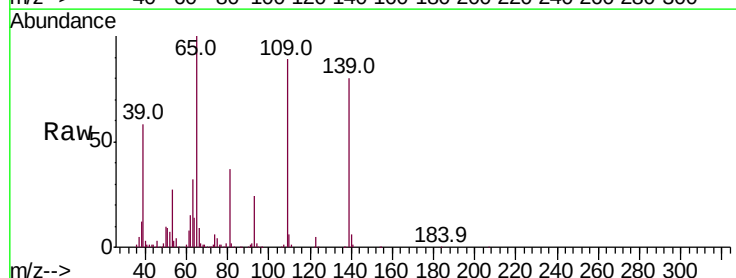
Tgt Ion:139 Resp: 210295

Ion	Ratio	Lower	Upper
139	100		
109	110.4	79.6	119.6
65	124.2	96.9	136.9

139 100

109 110.4 79.6 119.6

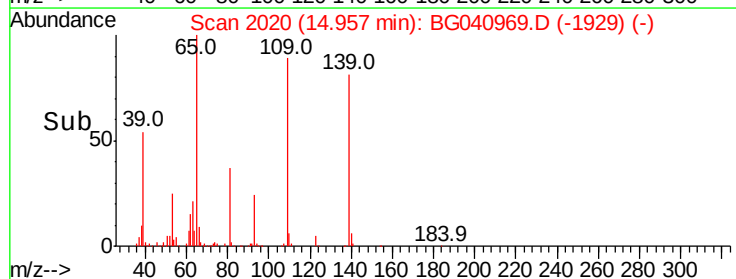
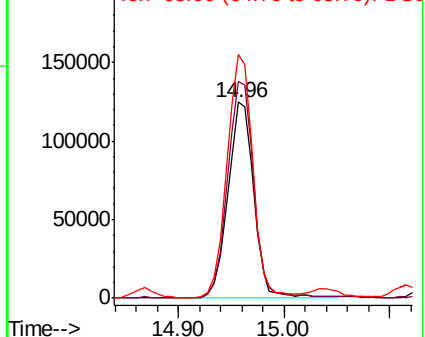
65 124.2 96.9 136.9

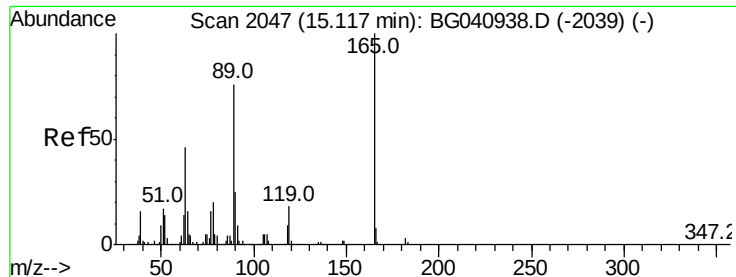


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

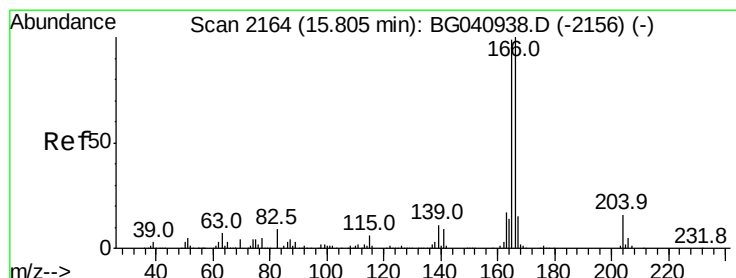
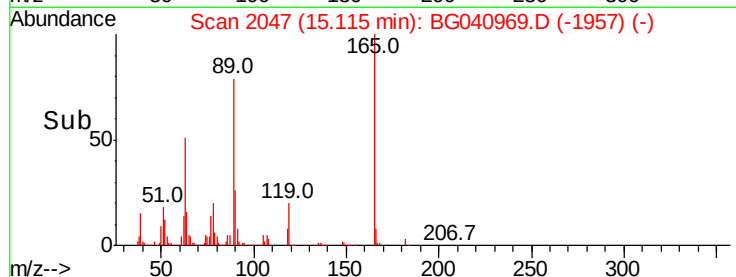
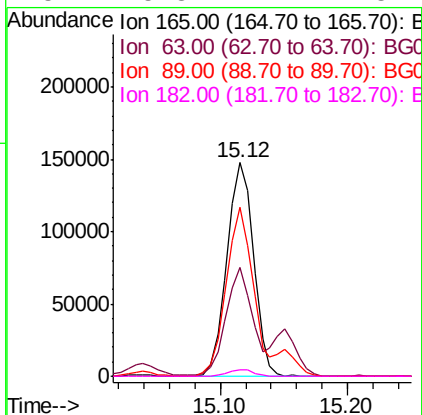
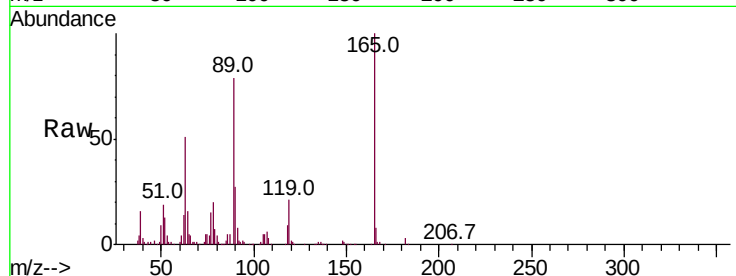




#57
 2,4-Dinitrotoluene
 Concen: 46.165 ng
 RT: 15.12 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

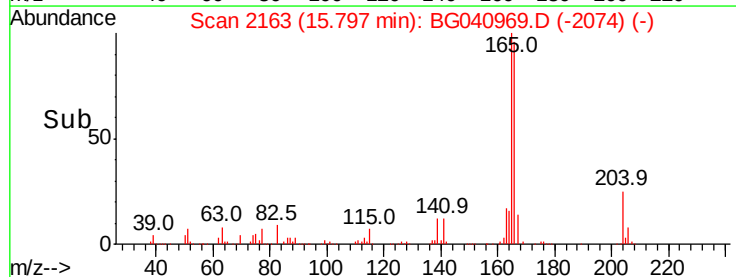
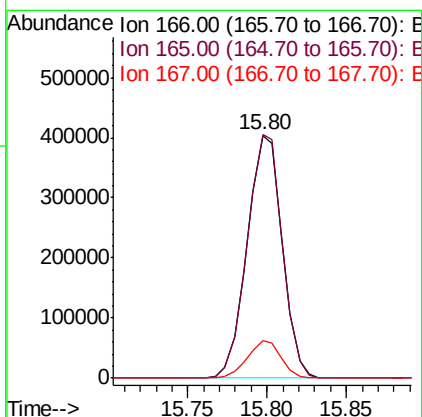
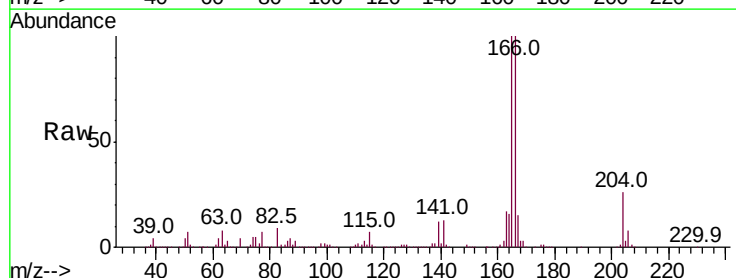
Instrument :
 BNA_G
 ClientSampleId :

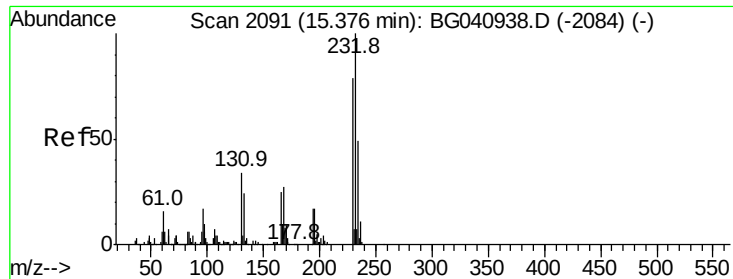
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.8	37.3	55.9
89	78.9	61.0	91.6
182	3.3	2.2	3.2#



#58
 Fluorene
 Concen: 44.487 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.2	118.8
167	15.4	11.8	17.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.308 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 230227

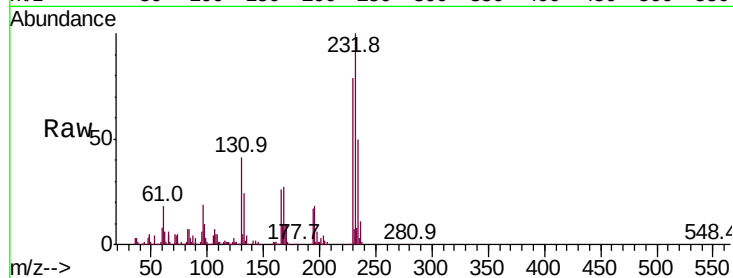
Ion Ratio Lower Upper

232 100

131 39.0 30.3 45.5

130 2.5 1.8 2.8

166 26.6 21.3 31.9

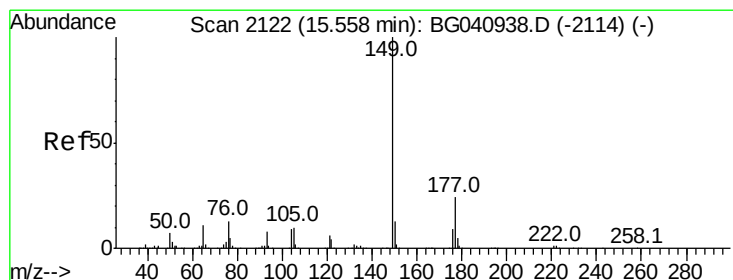
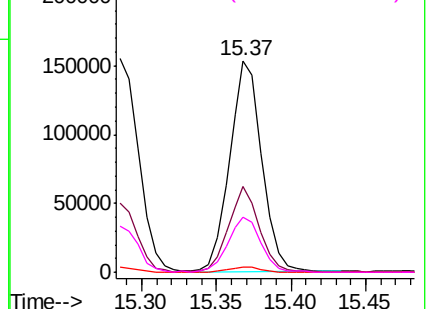
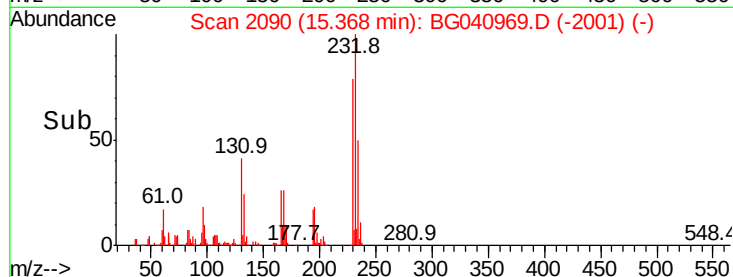


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 44.297 ng

RT: 15.56 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

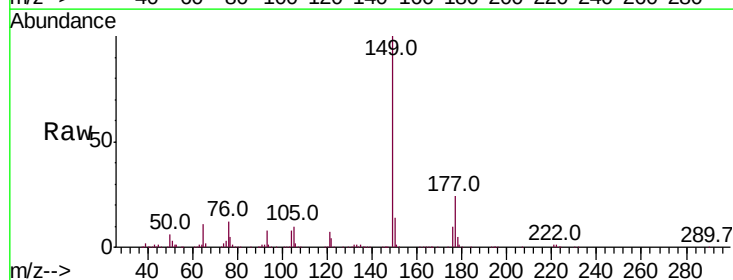
Tgt Ion:149 Resp: 689132

Ion Ratio Lower Upper

149 100

177 23.8 19.4 29.0

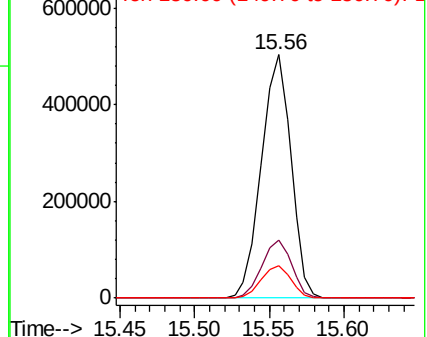
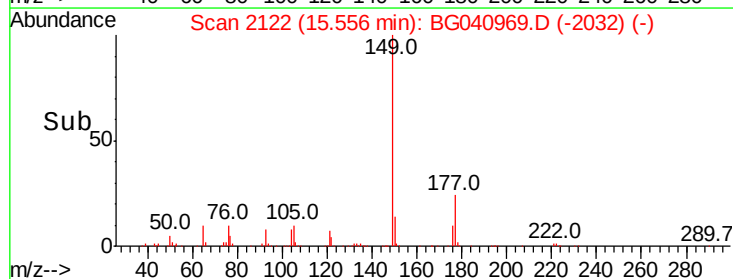
150 13.5 10.3 15.5

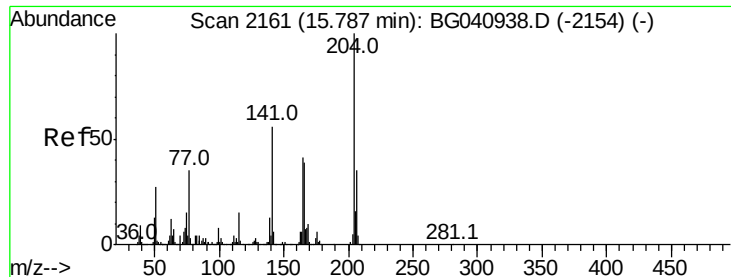


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

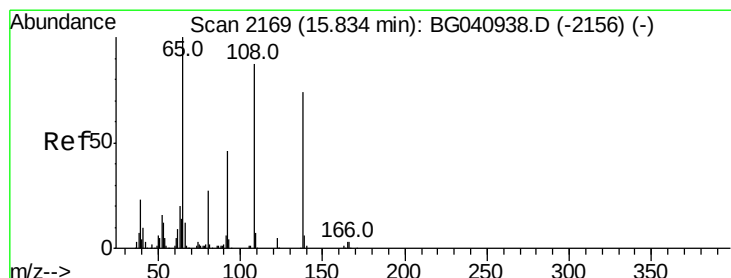
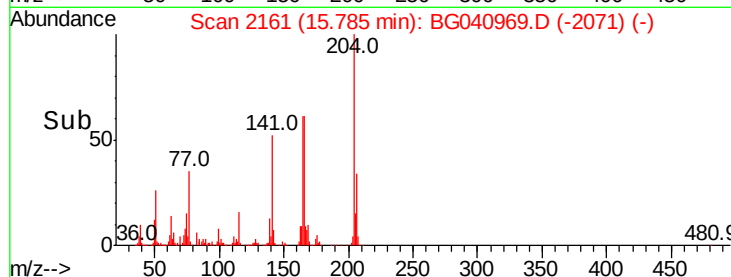
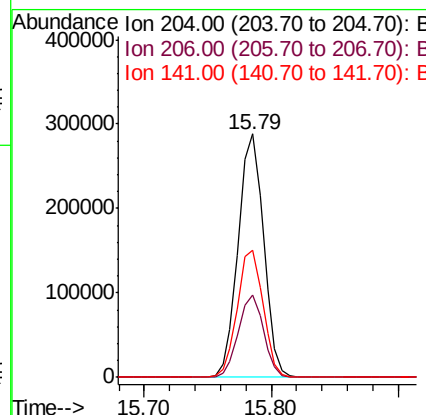
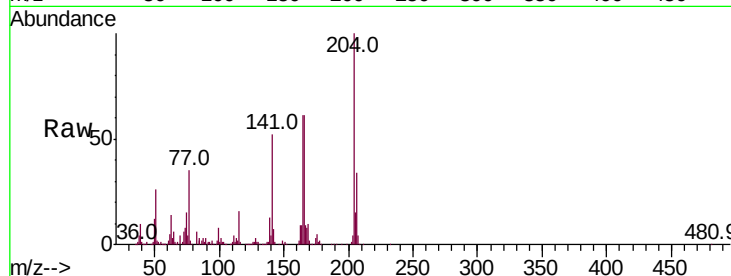




#61
4-Chlorophenyl-phenylether
Concen: 43.862 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

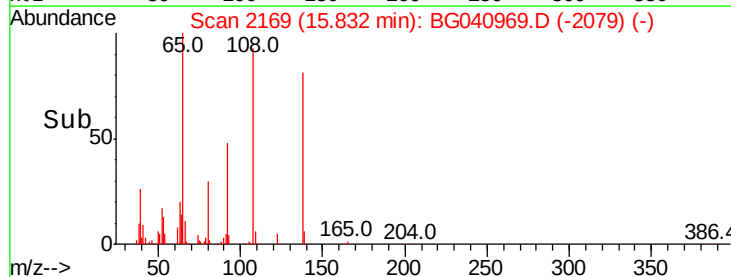
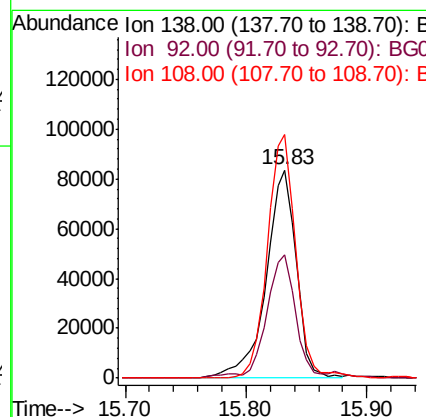
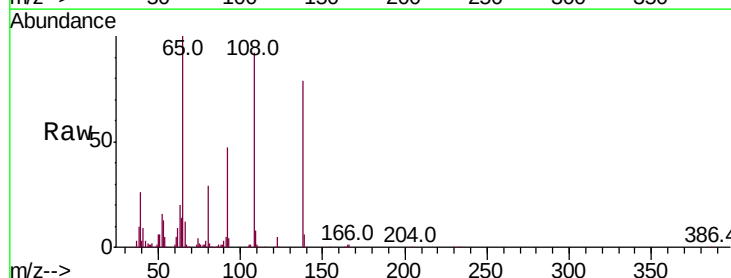
Instrument :
BNA_G
ClientSampled :

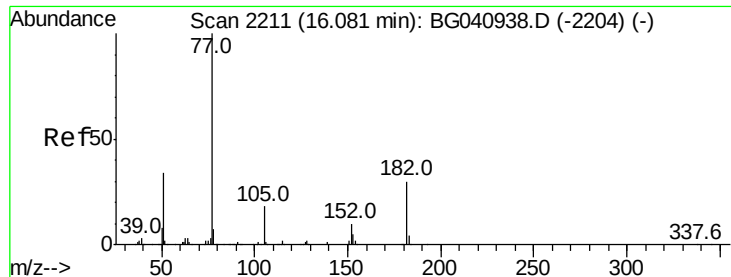
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.6	41.4
141	52.3	45.1	67.7



#62
4-Nitroaniline
Concen: 41.396 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.1	42.4	82.4
108	117.0	96.9	136.9

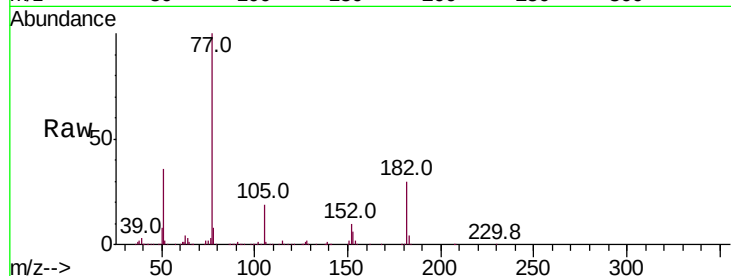




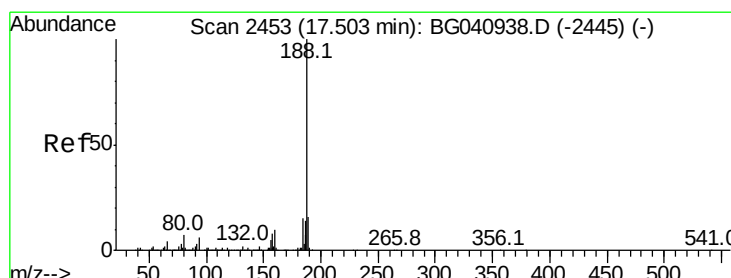
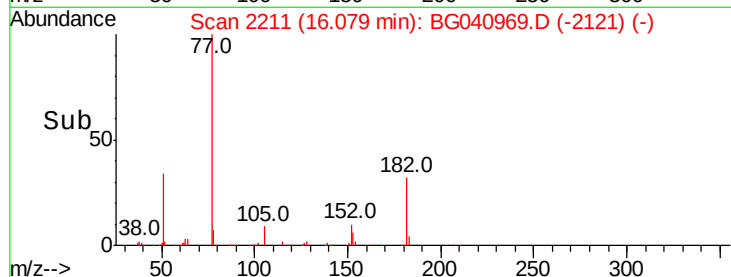
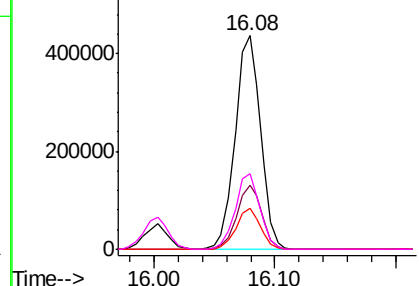
#63
Azobenzene
Concen: 45.023 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	636613
Ion	Ratio	Lower	Upper
77	100		
182	29.9	9.6	49.6
105	19.1	0.0	37.5
51	35.7	13.7	53.7

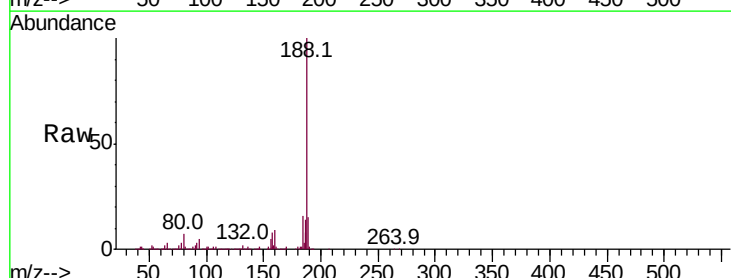


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

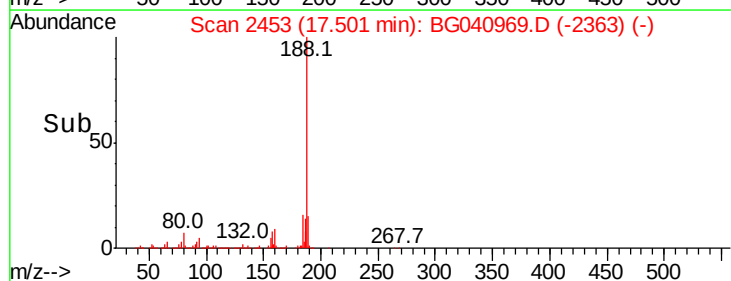
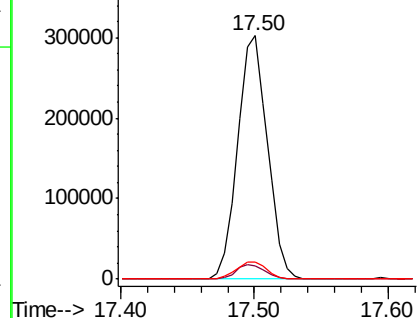


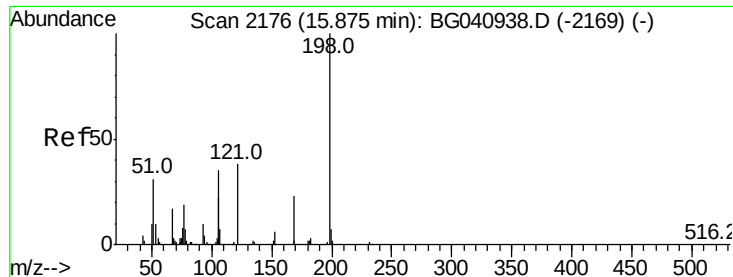
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:	188	Resp:	469046
Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.7	7.1
80	7.1	5.8	8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.107 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

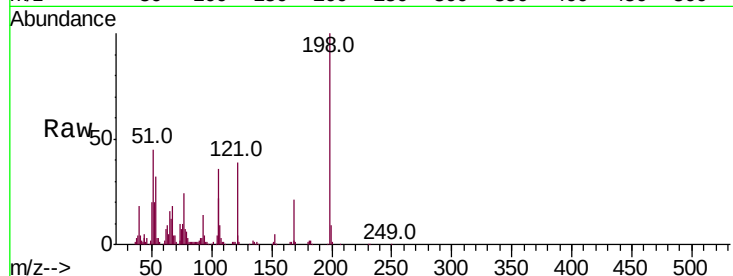
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 120973

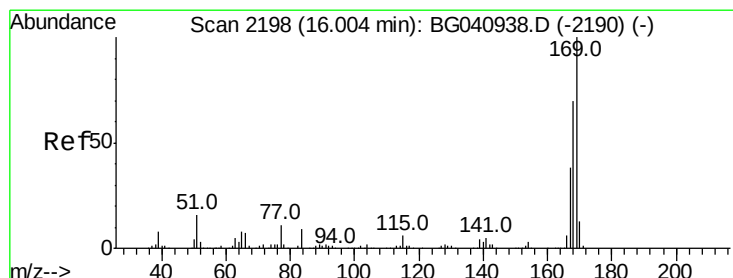
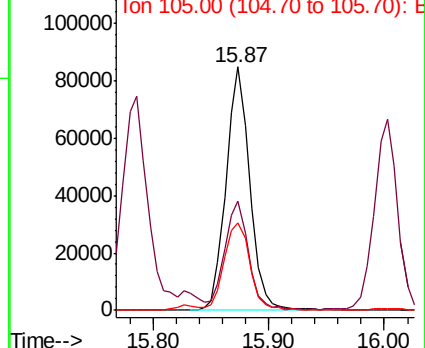
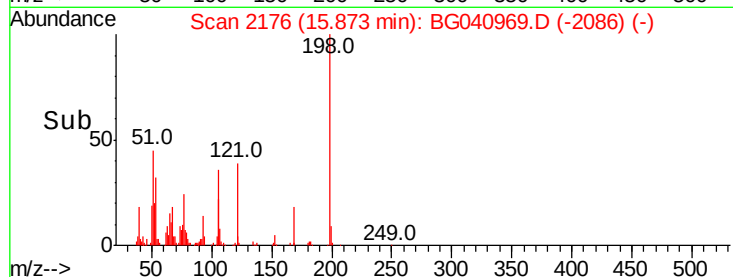
Ion	Ratio	Lower	Upper
198	100		
51	44.6	21.6	61.6
105	35.8	17.5	57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.691 ng

RT: 16.00 min Scan# 2198

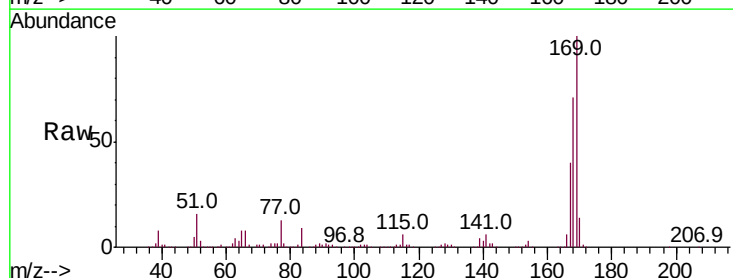
Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:169 Resp: 576083

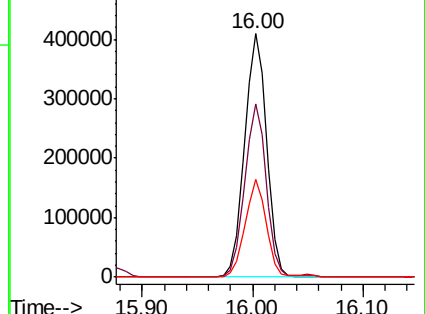
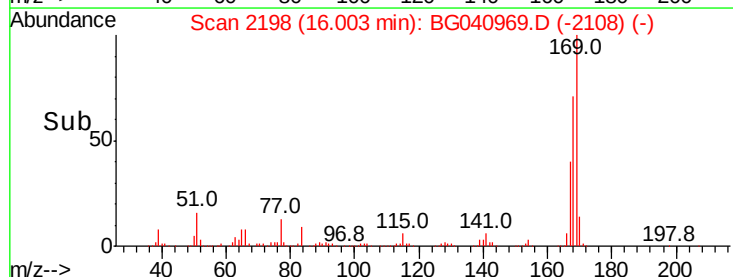
Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.7	83.5
167	40.0	30.2	45.2

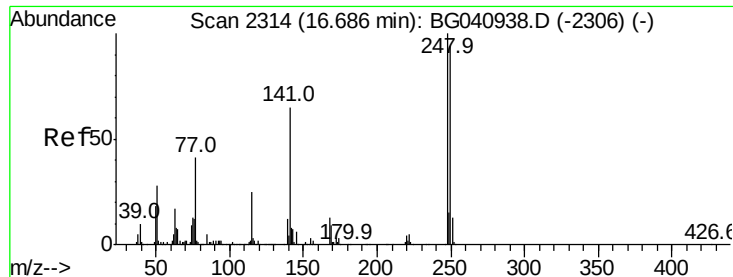


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

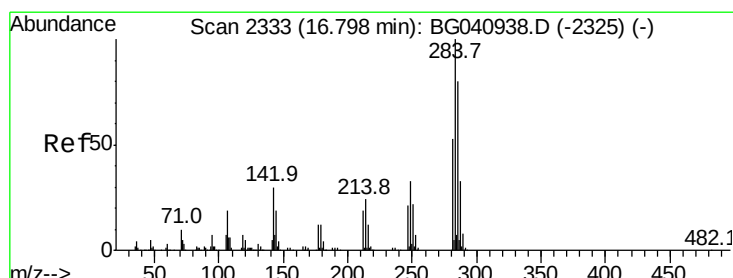
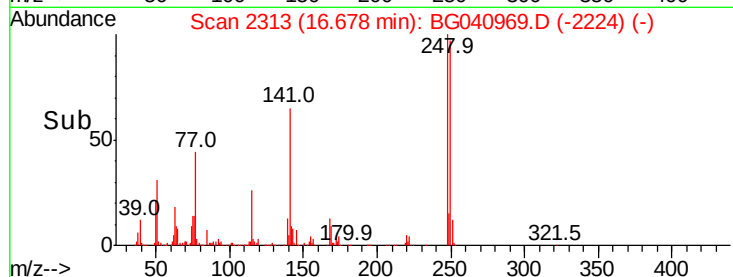
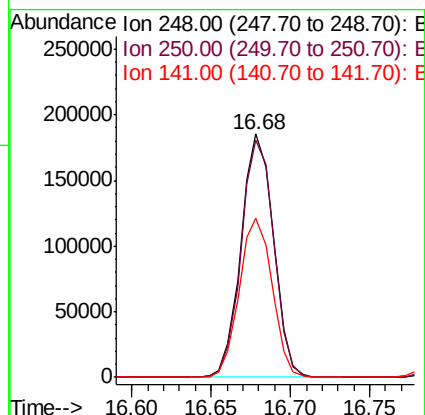
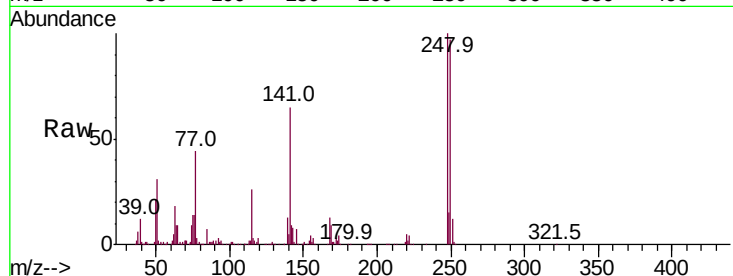




#67
4-Bromophenyl-phenylether
Concen: 41.526 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

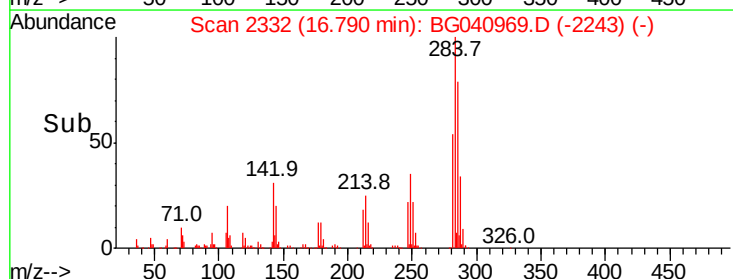
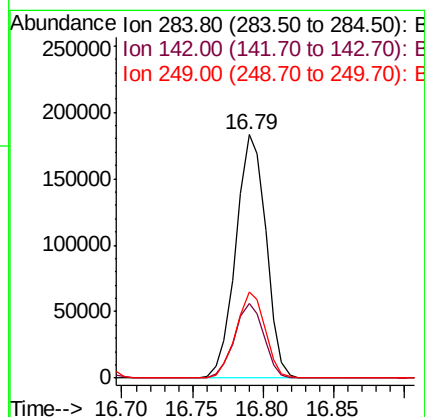
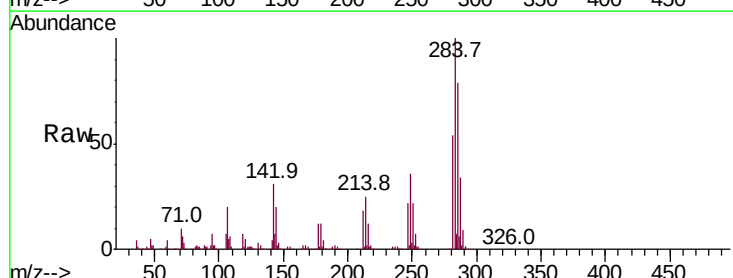
Instrument :
BNA_G
ClientSampled :

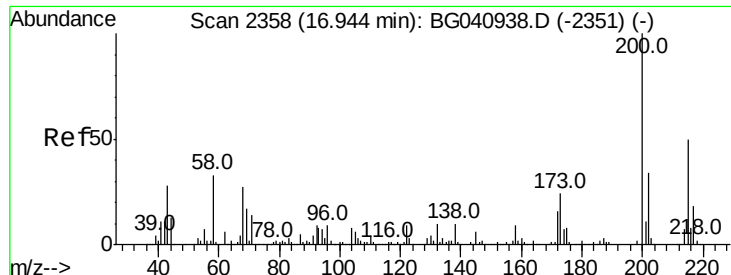
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	75.0	112.4
141	65.2	52.4	78.6



#68
Hexachlorobenzene
Concen: 40.394 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	23.9	35.9
249	35.5	26.8	40.2





#69

Atrazine

Concen: 50.312 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

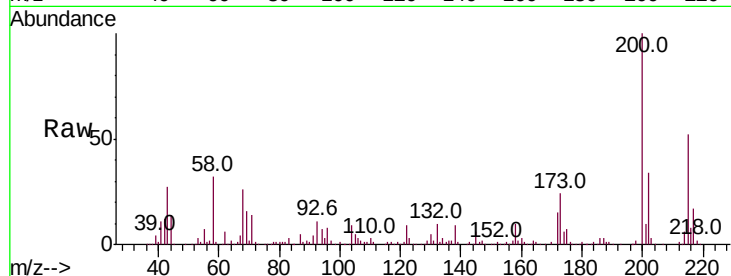
Tot Ion:200 Resp: 255973

Ion Ratio Lower Upper

200 100

173 23.5 3.6 43.6

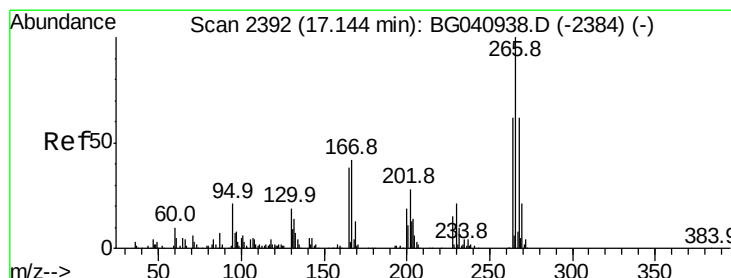
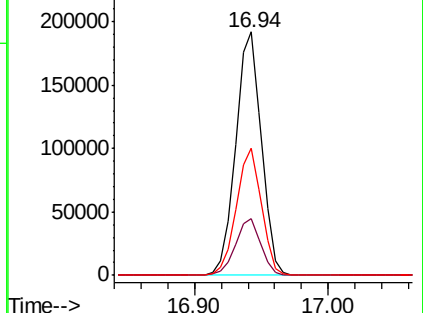
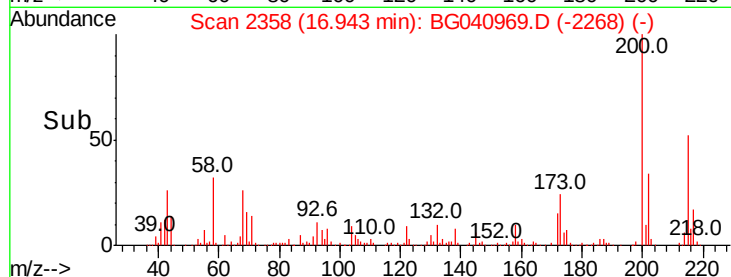
215 52.0 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.969 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

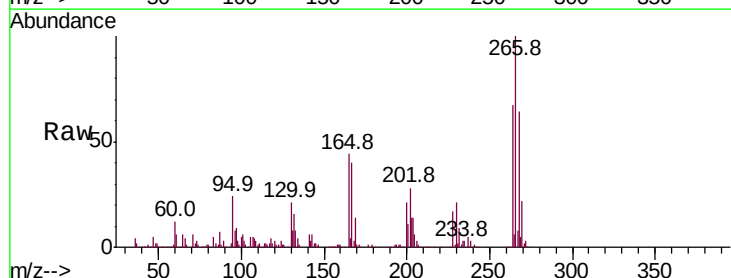
Tgt Ion:266 Resp: 330700

Ion Ratio Lower Upper

266 100

268 63.5 53.1 79.7

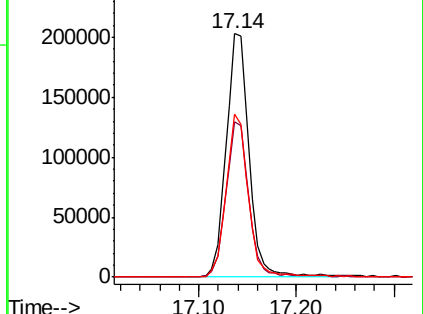
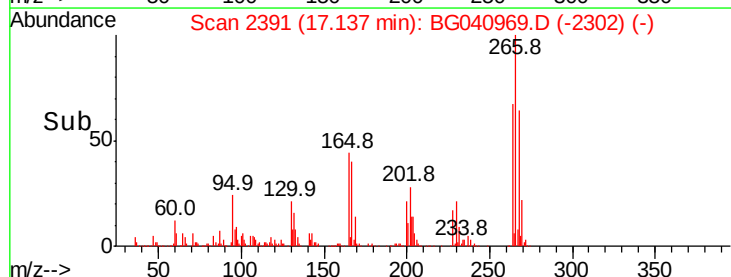
264 66.8 49.9 74.9

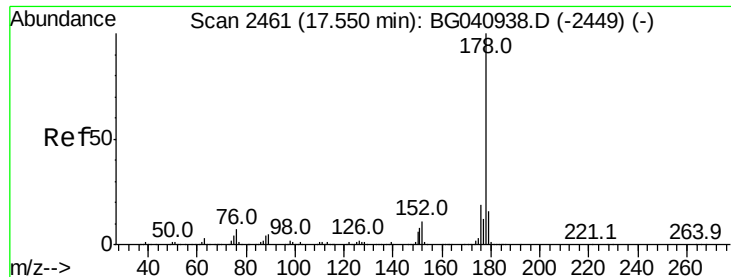


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.177 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampled :

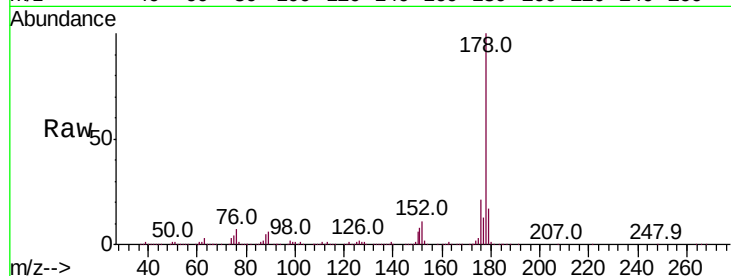
Tot Ion:178 Resp: 1079323

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

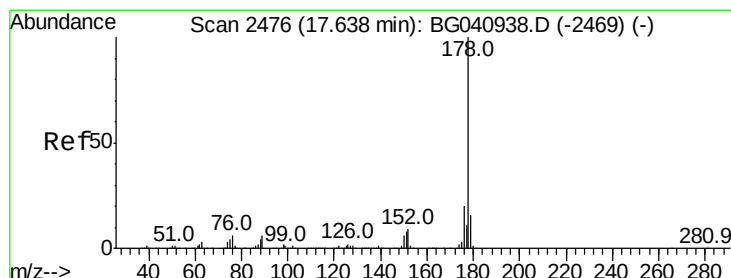
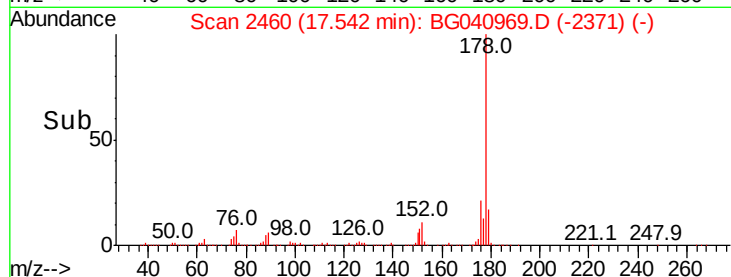
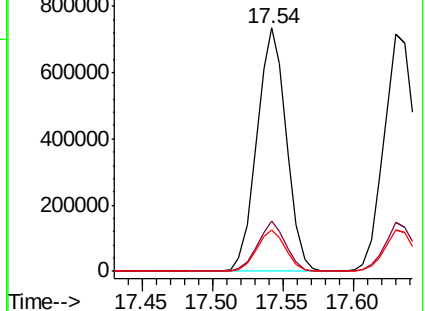
179 17.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.507 ng

RT: 17.63 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

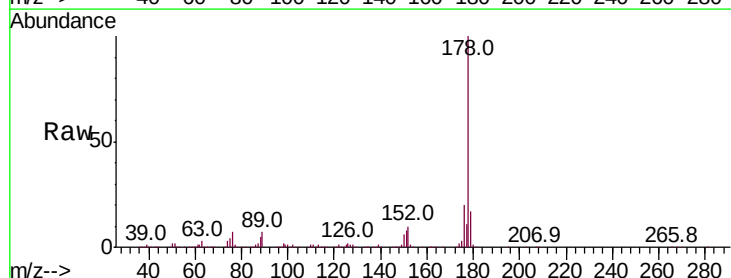
Tgt Ion:178 Resp: 1096552

Ion Ratio Lower Upper

178 100

176 20.5 15.6 23.4

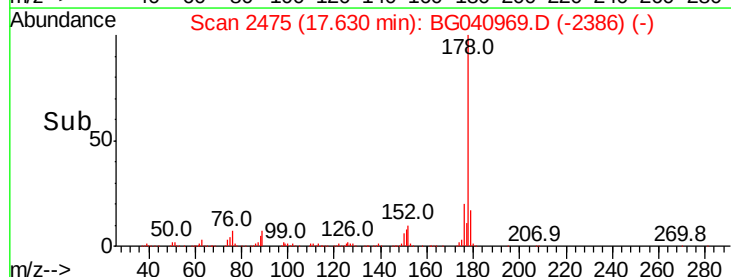
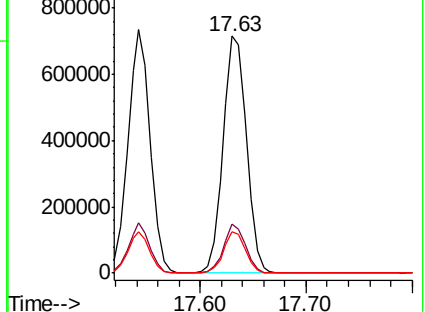
179 17.3 13.0 19.4

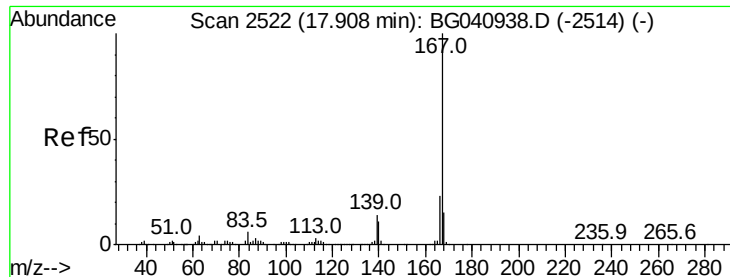


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

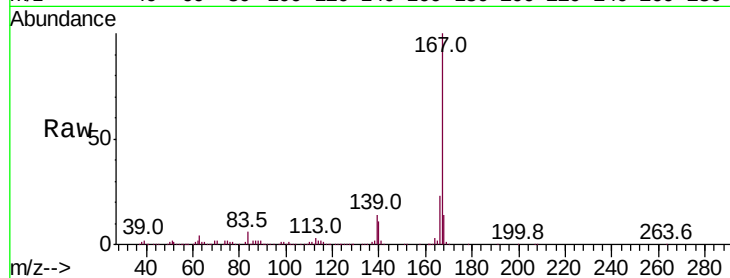




#73
 Carbazole
 Concen: 46.770 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.8	10.8	16.2

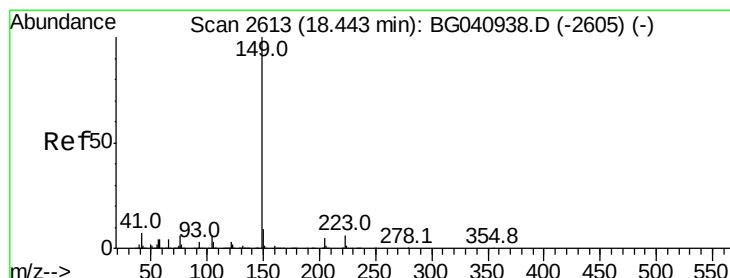
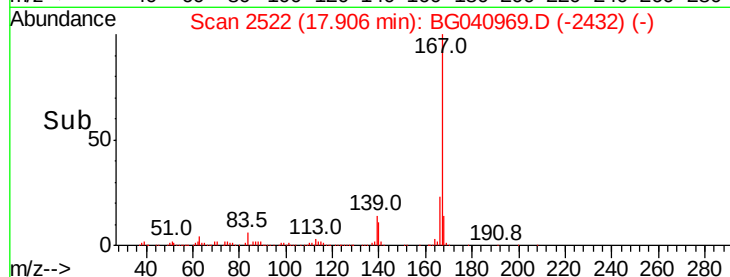
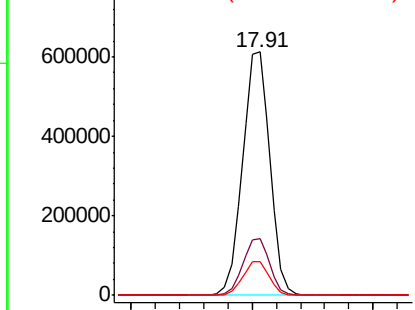


Abundance

Ion 167.00 (166.70 to 167.70): E

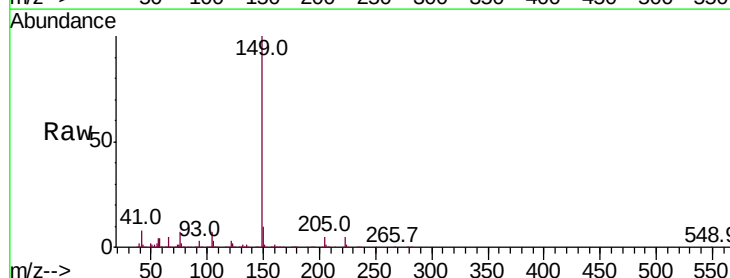
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.885 ng
 RT: 18.44 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.8	5.0	7.4

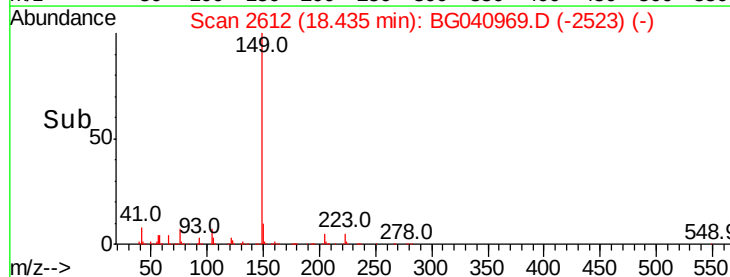
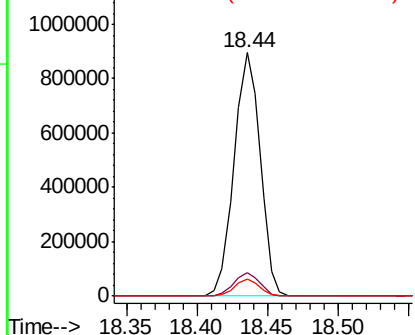


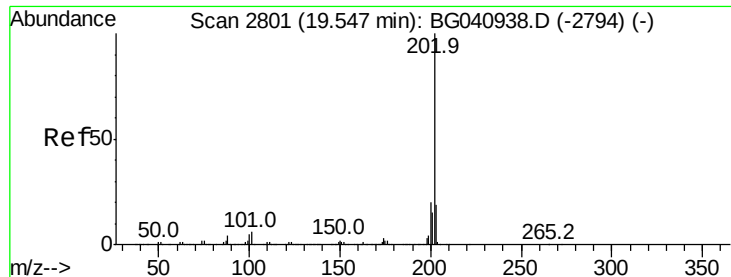
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.004 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

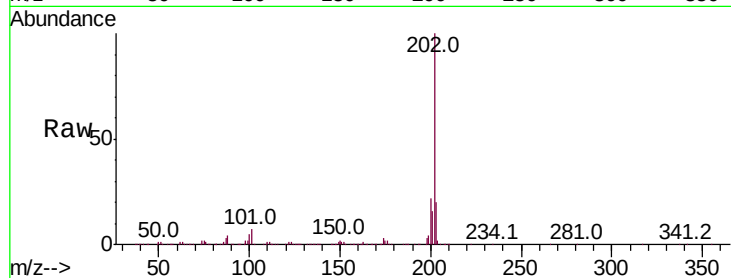
Tot Ion:202 Resp: 1388275

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.2
203	19.6	0.0	38.7

202 100

101 6.7 0.0 26.2

203 19.6 0.0 38.7

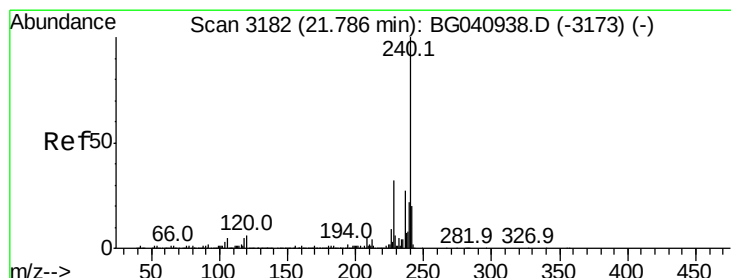
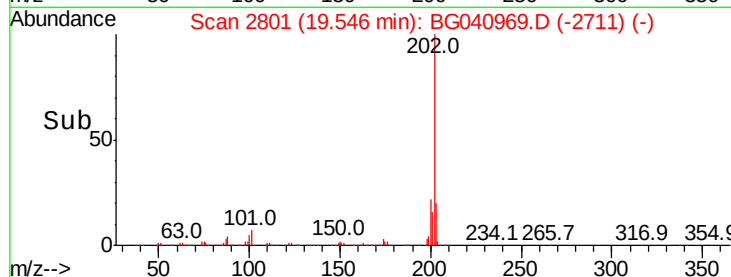
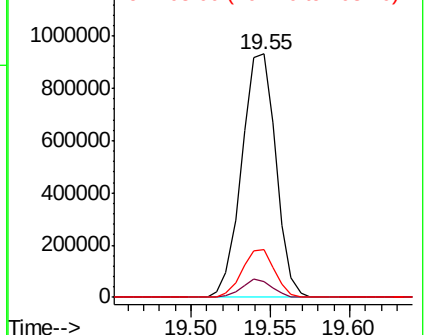


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

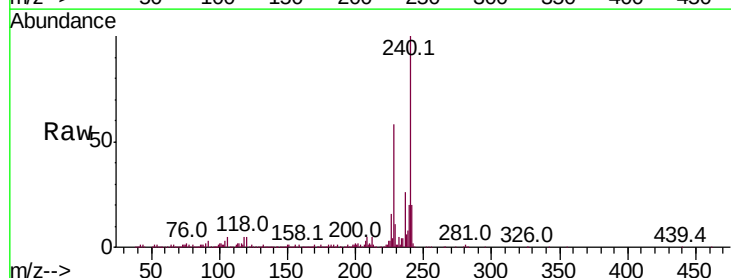
Tgt Ion:240 Resp: 465680

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.5	6.7
236	26.5	21.3	31.9

240 100

120 5.4 4.5 6.7

236 26.5 21.3 31.9

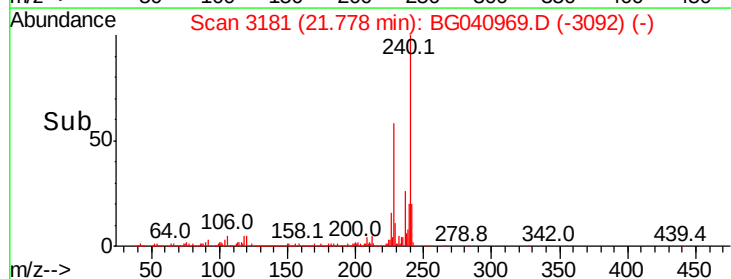
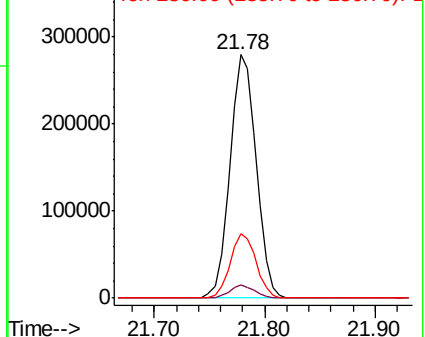


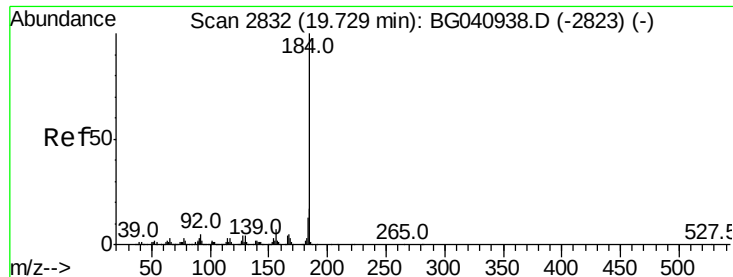
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.324 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampled :

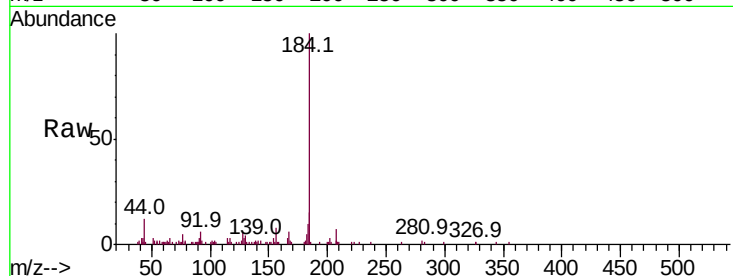
Tot Ion:184 Resp: 36924

Ion Ratio Lower Upper

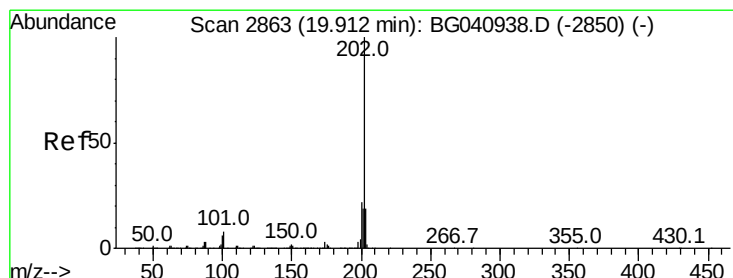
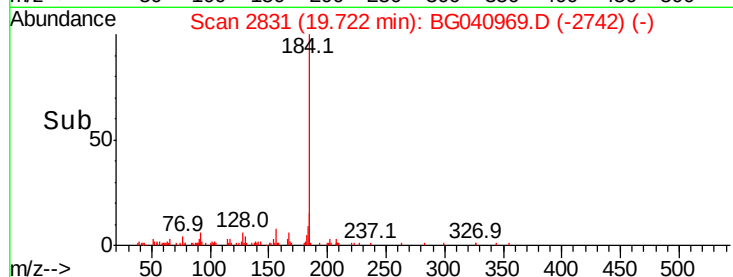
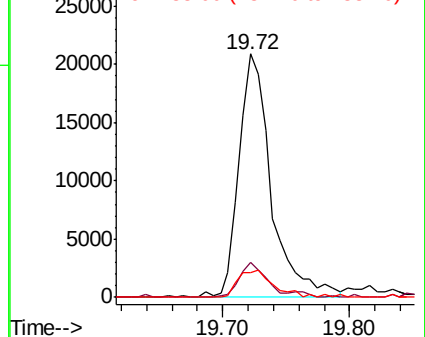
184 100

185 14.5 13.3 19.9

183 10.2 10.7 16.1#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.048 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

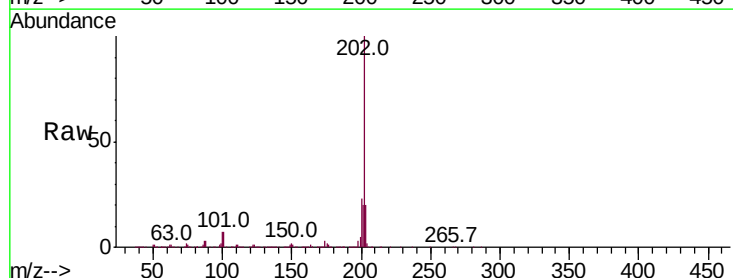
Tgt Ion:202 Resp: 1393984

Ion Ratio Lower Upper

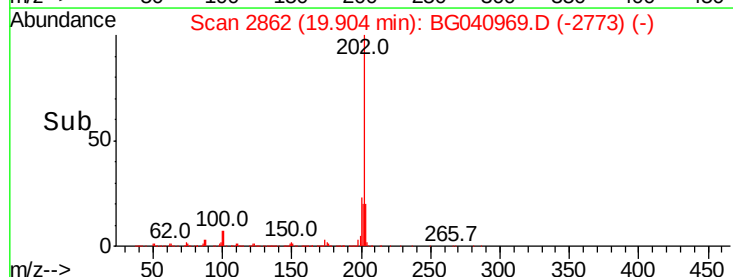
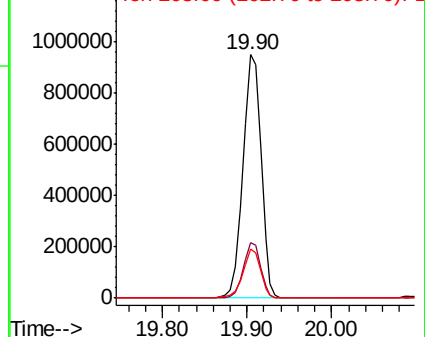
202 100

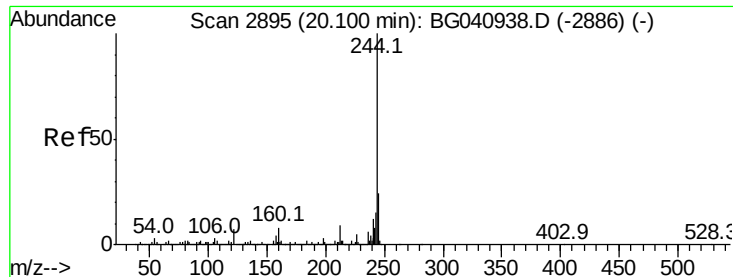
200 22.9 17.5 26.3

203 20.4 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.910 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

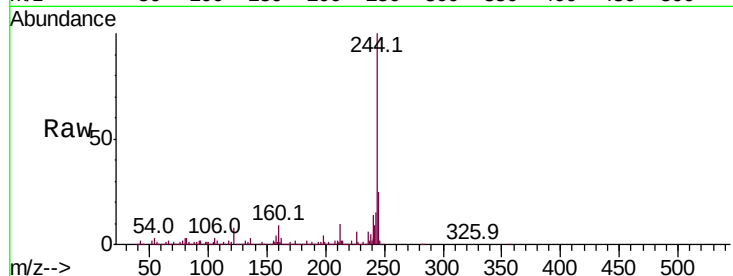
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1950852

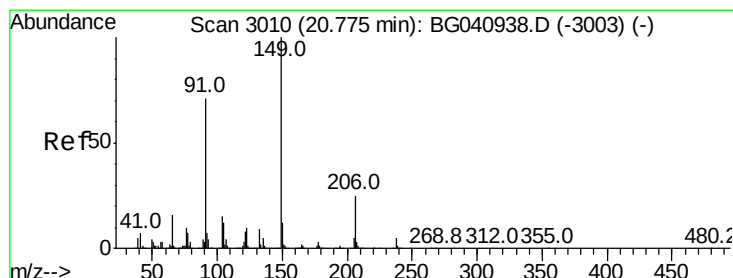
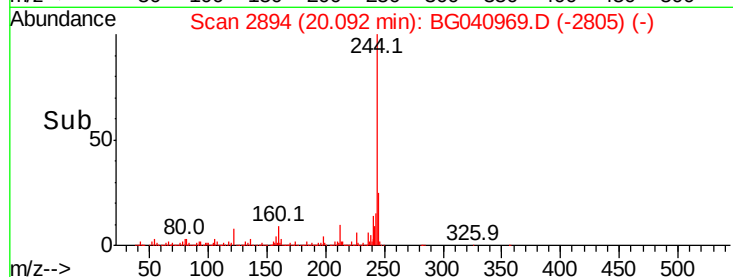
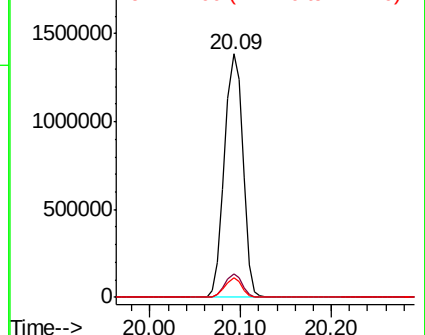
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.0	10.4
122	8.0	5.4	8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.181 ng

RT: 20.77 min Scan# 3010

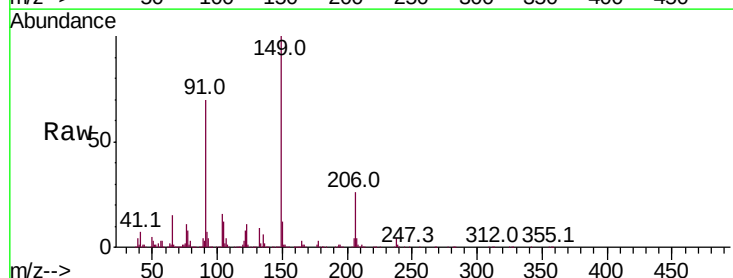
Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:149 Resp: 532268

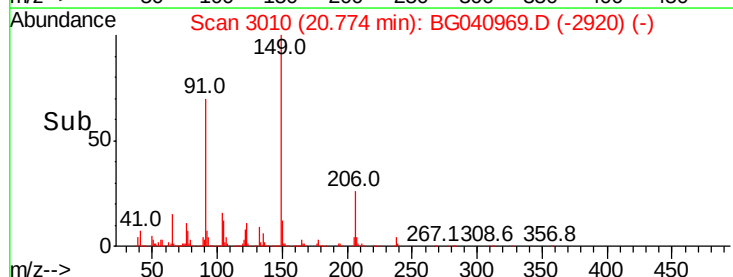
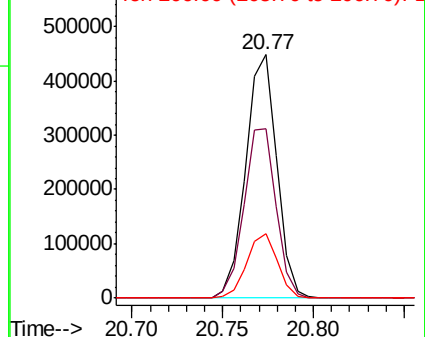
Ion	Ratio	Lower	Upper
149	100		
91	69.6	56.5	84.7
206	26.2	20.3	30.5

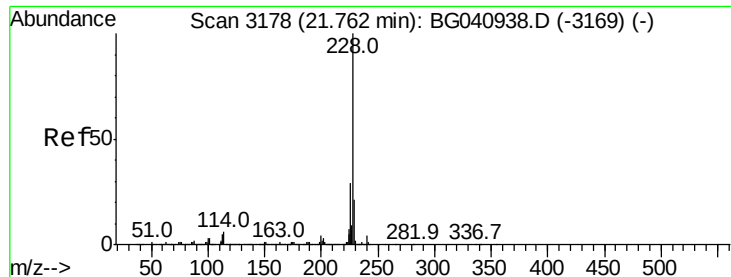


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.208 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampled :

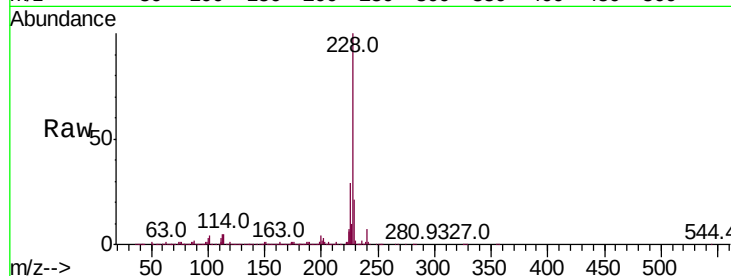
Tot Ion:228 Resp: 1339378

Ion Ratio Lower Upper

228 100

226 28.7 23.5 35.3

229 21.4 16.7 25.1

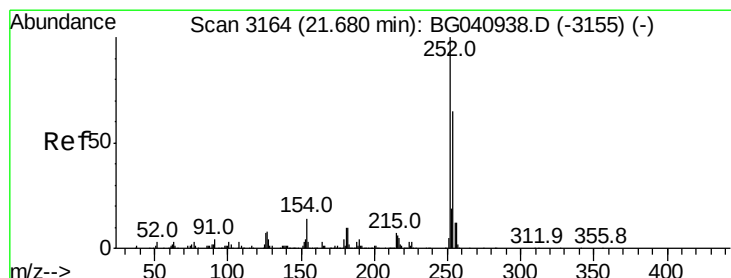
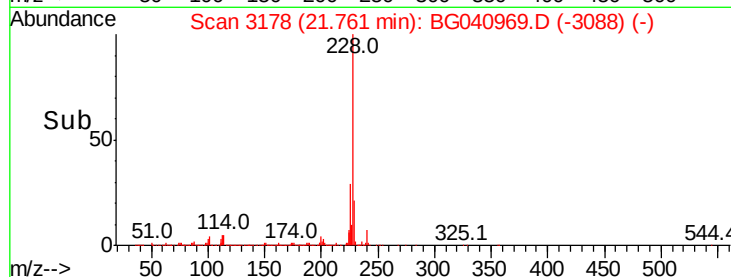
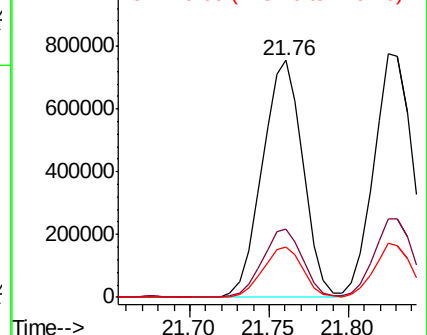


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.901 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

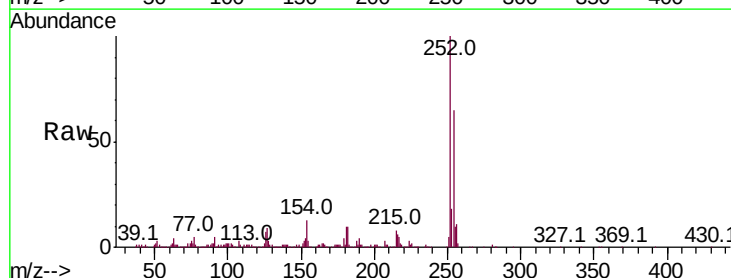
Tgt Ion:252 Resp: 336914

Ion Ratio Lower Upper

252 100

254 64.7 52.1 78.1

126 7.4 5.5 8.3

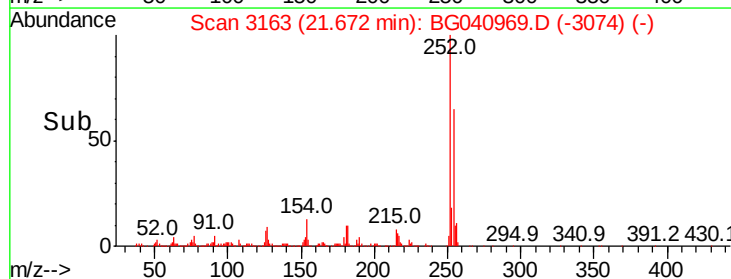
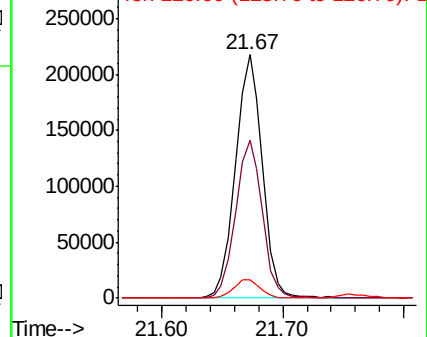


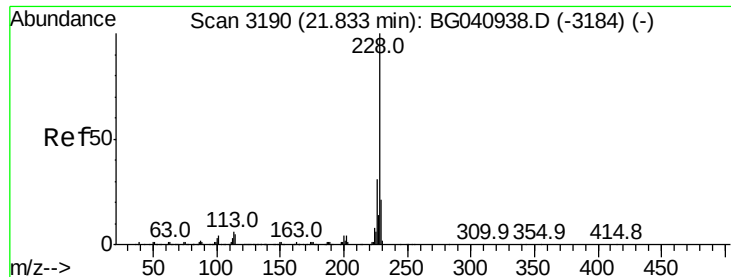
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.262 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampled :

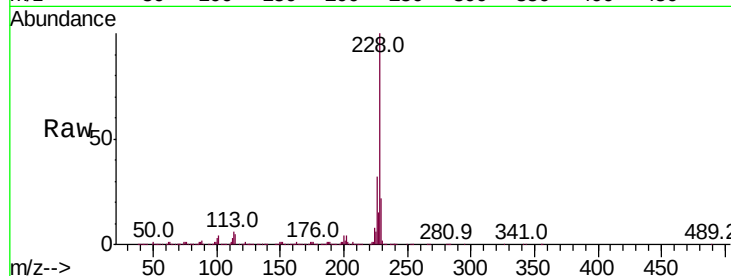
Tot Ion:228 Resp: 1313001

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	22.0	16.6	24.8

228 100

226 32.5 24.6 37.0

229 22.0 16.6 24.8

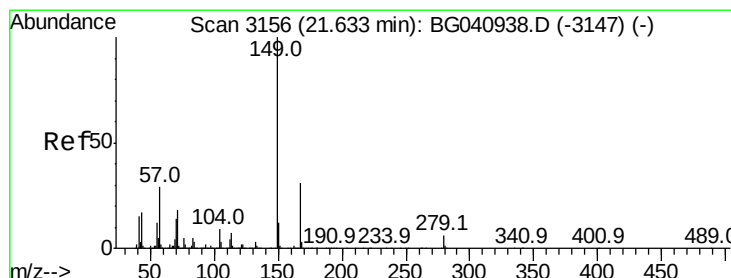
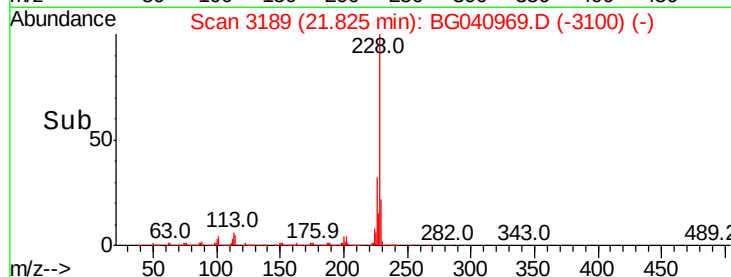
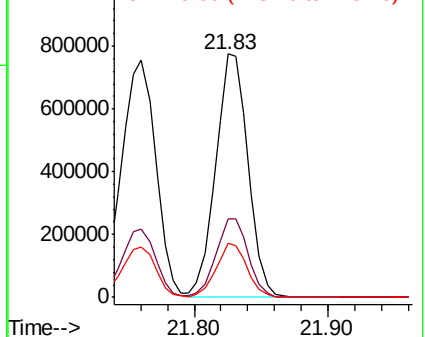


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.771 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

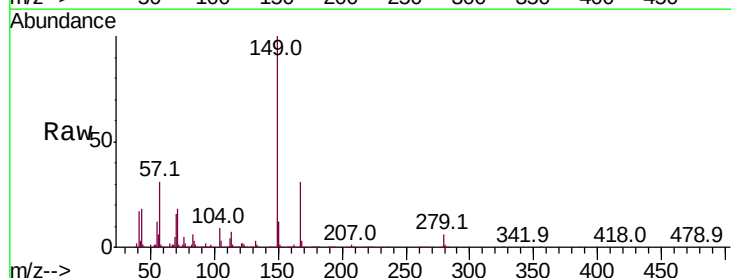
Tgt Ion:149 Resp: 725898

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.6	37.0
279	6.4	5.0	7.6

149 100

167 30.6 24.6 37.0

279 6.4 5.0 7.6

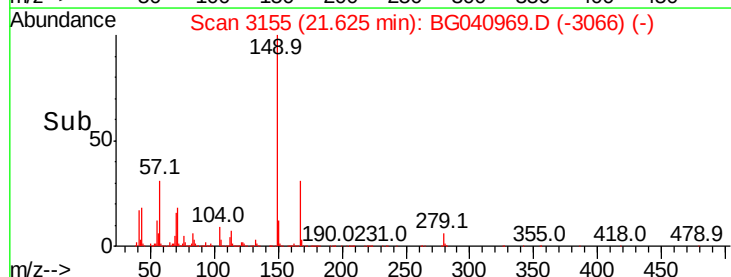
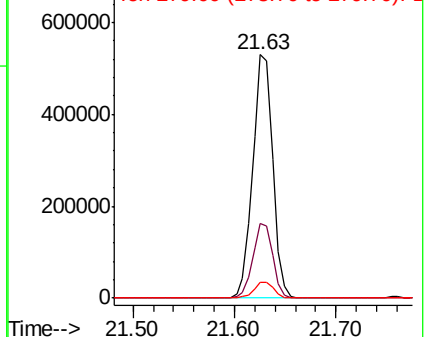


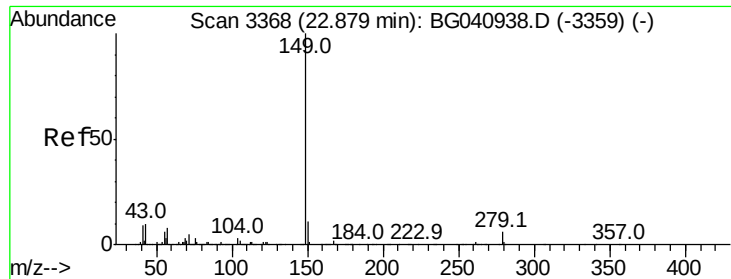
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.052 ng

RT: 22.88 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampled :

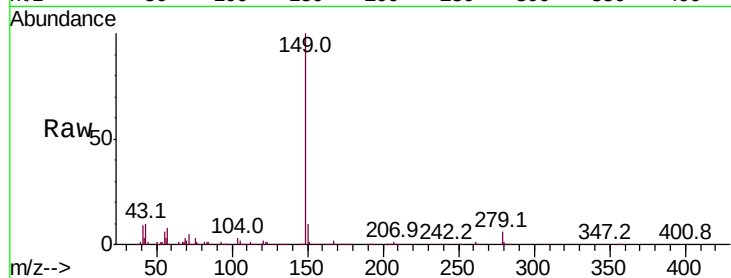
Tot Ion:149 Resp: 1216692

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

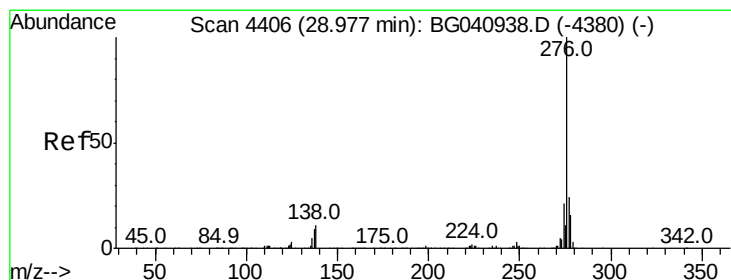
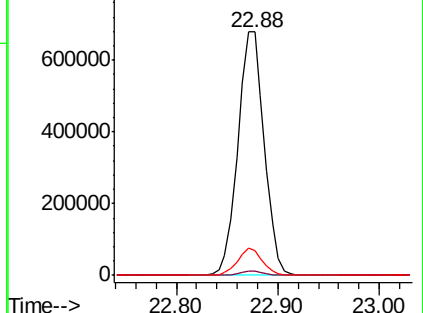
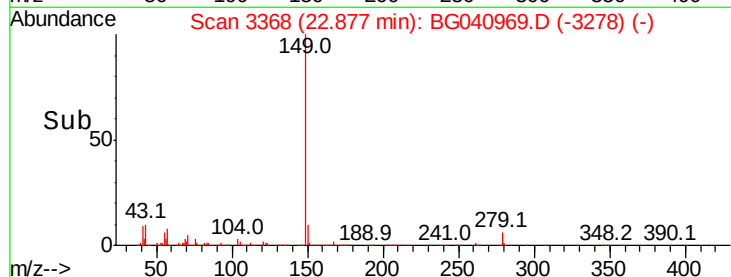
43 10.4 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.469 ng

RT: 28.96 min Scan# 4403

Delta R.T. -0.02 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

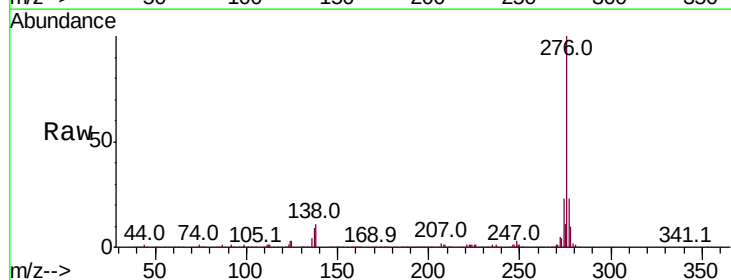
Tgt Ion:276 Resp: 1615907

Ion Ratio Lower Upper

276 100

138 9.2 5.7 8.5#

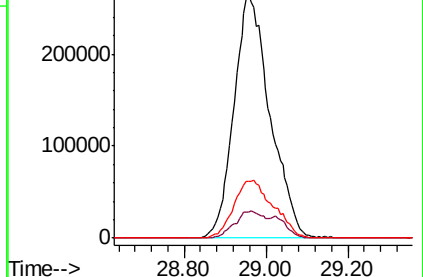
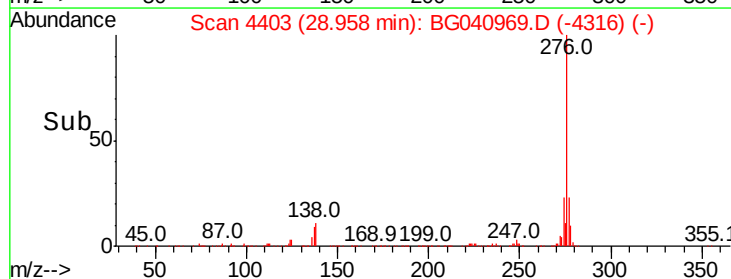
277 26.0 20.8 31.2

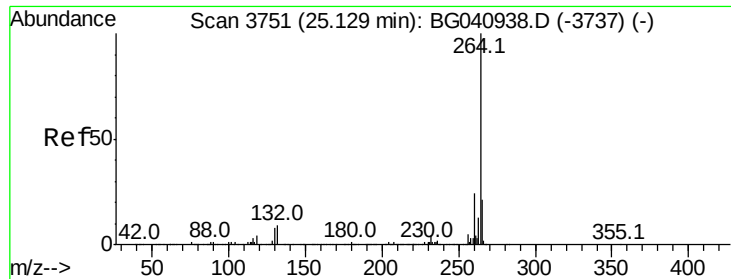


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3750

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

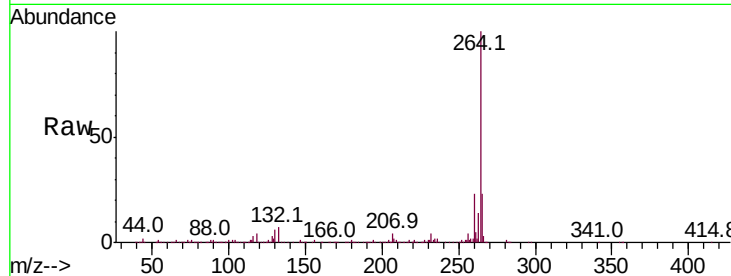
Tot Ion:264 Resp: 496868

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

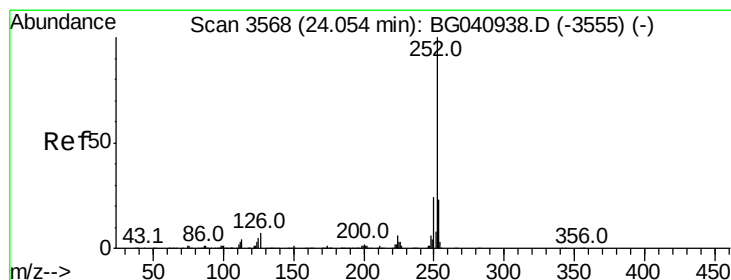
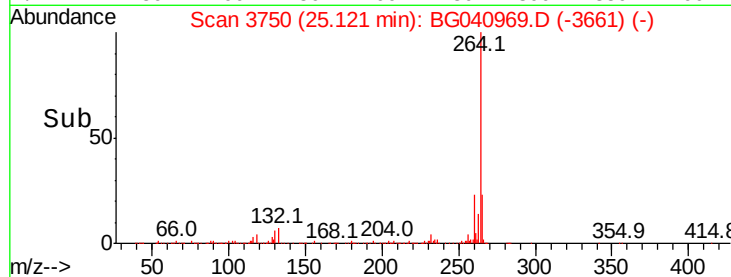
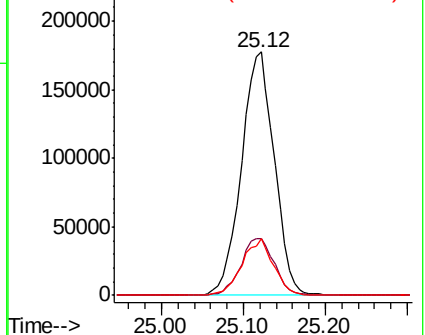
265 23.2 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.148 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

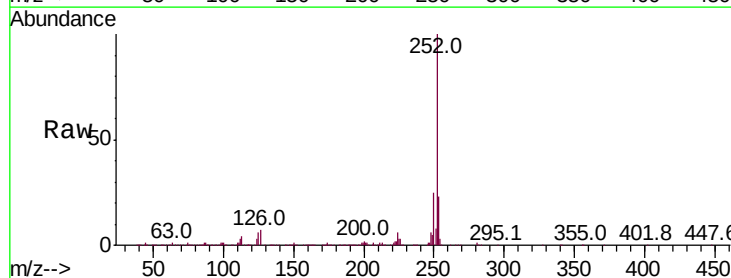
Tgt Ion:252 Resp: 1390766

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

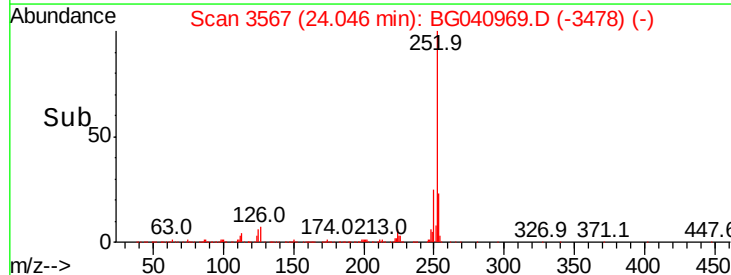
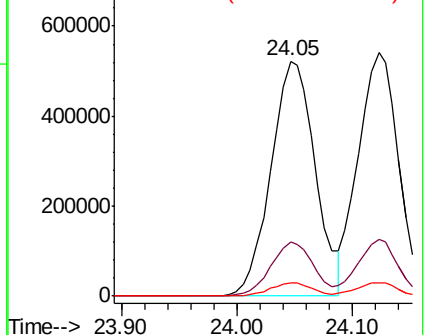
125 5.8 4.3 6.5

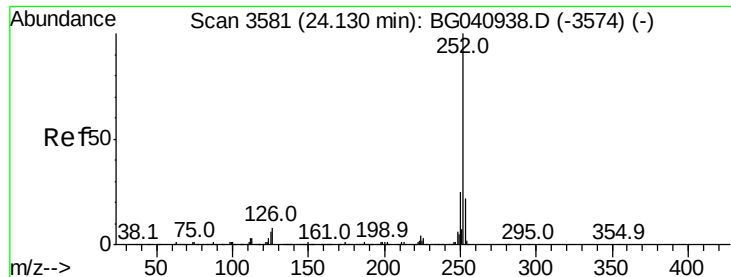


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

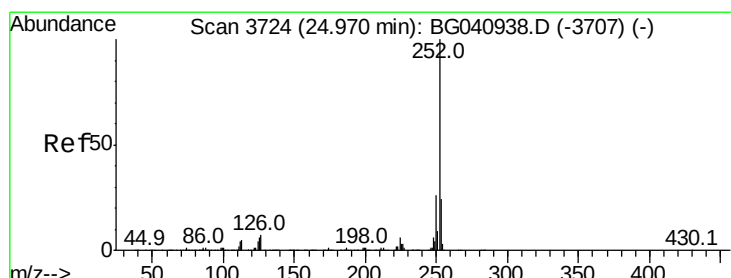
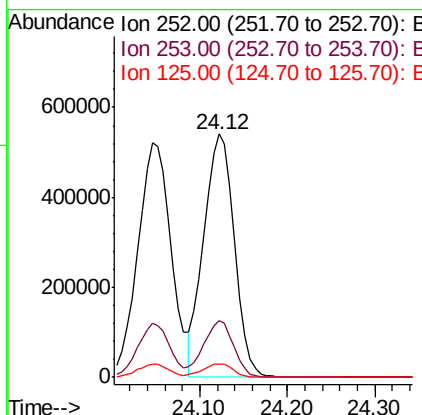
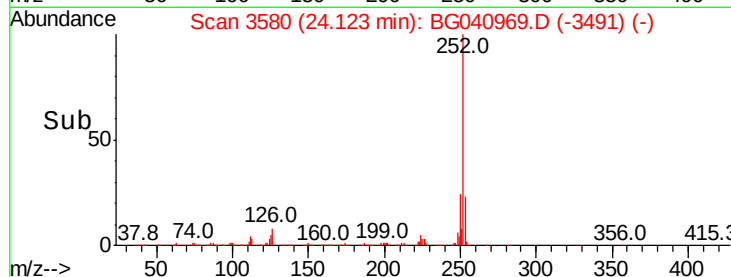
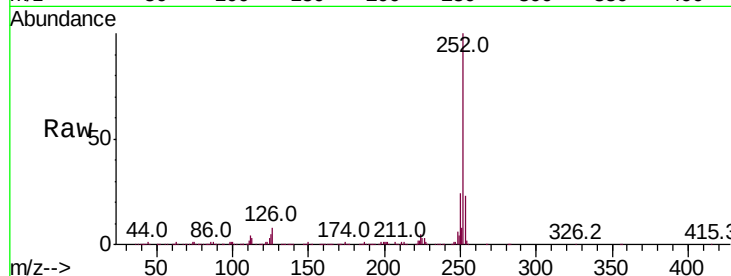




#89
Benzo(k)fluoranthene
Concen: 44.130 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

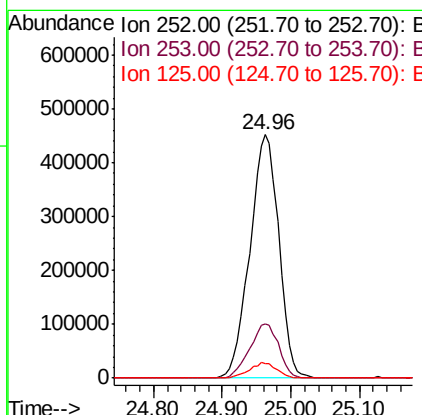
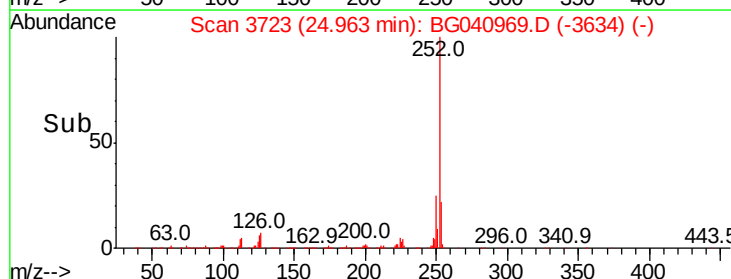
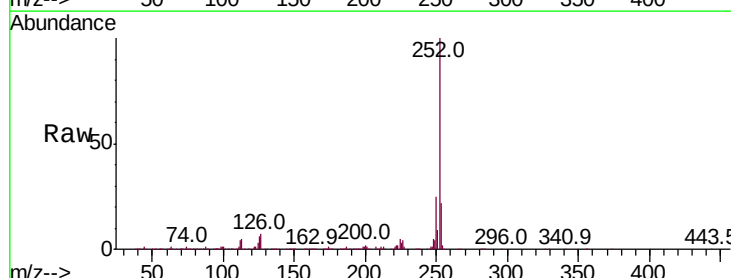
Instrument :
BNA_G
ClientSampleId :

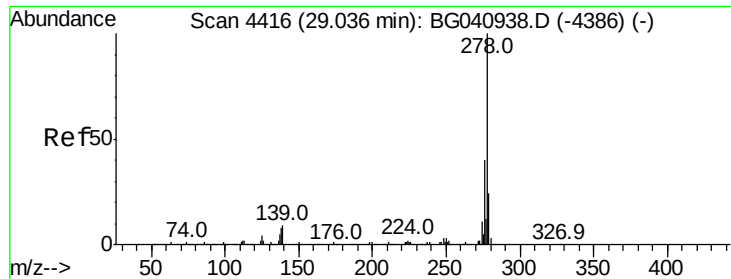
Tot Ion:252 Resp: 1316075
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 5.5 4.7 7.1



#90
Benzo(a)pyrene
Concen: 46.119 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:252 Resp: 1326036
Ion Ratio Lower Upper
252 100
253 22.3 19.5 29.3
125 5.8 5.1 7.7

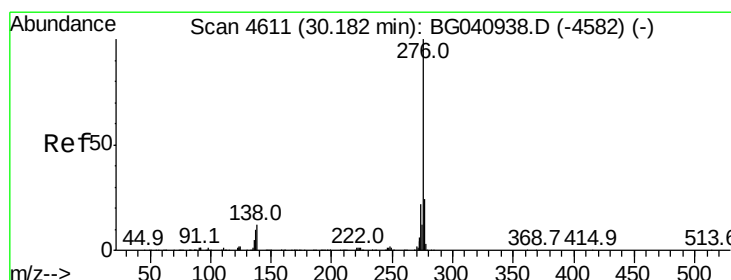
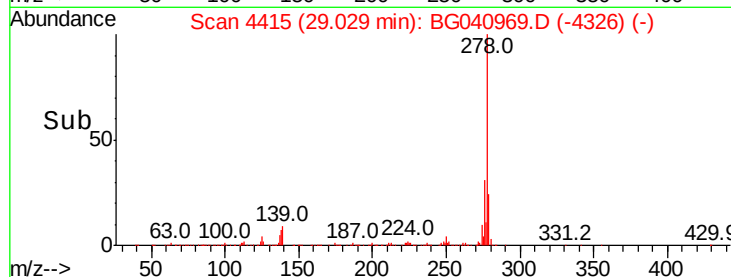
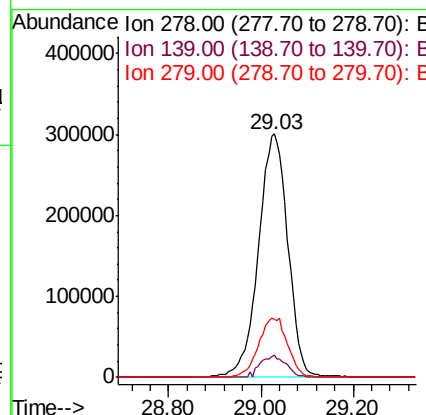
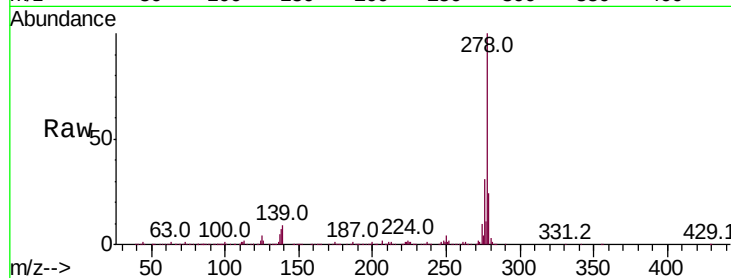




#91
Dibenzo(a,h)anthracene
Concen: 46.242 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1328533
Ion Ratio Lower Upper
278 100
139 9.1 7.1 10.7
279 24.0 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 48.012 ng
RT: 30.17 min Scan# 4610
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:276 Resp: 1340118
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 12.1 9.7 14.5

